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Log 1357

656-1803/05C

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Mary Malloy, Page 2

file with log CAROLINE

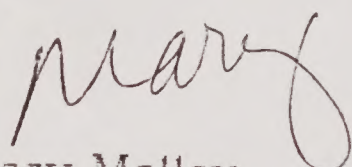
1. J. Barton
2. Benjamin Carpenter
3. J.W. Cheever
4. Clifford Crowninshield
5. George Dutch
6. M. (or A.) Folger
7. Edwin Griffin
8. Thaddeus Gwinn
9. John Hammond
10. William P. Richardson
11. George Taylor
12. Henry Tibbets
13. Daniel Ward
14. A.P. Williams
15. Israel Williams

I hope this isn't too much trouble. You can never know how much help it would be right now.

Also, just to clarify your catalog. Isaac Whittemore was *not* the Captain of the *Caroline* in that log you sent me on microfilm. It's Whittemore's journal all right, but he must be the mate—he refers to "Captain Sturgis" (and, in fact, William Sturgis is known from other sources to have been the captain of that voyage). At Canton, Whittemore and Sturgis both left the *Caroline* for the ship *Eugenia* bound home to Philadelphia (Sturgis as master and Wittemore as 1st mate). There is also a fragment of another voyage in the back of the log—for the *Olive Branch* bound from Boston to France (1806-7) with Whittemore as captain.

Give me a call if you have any questions. I look forward to hearing from you. Take care and regards to all.

Cheerio,


Mary Malloy

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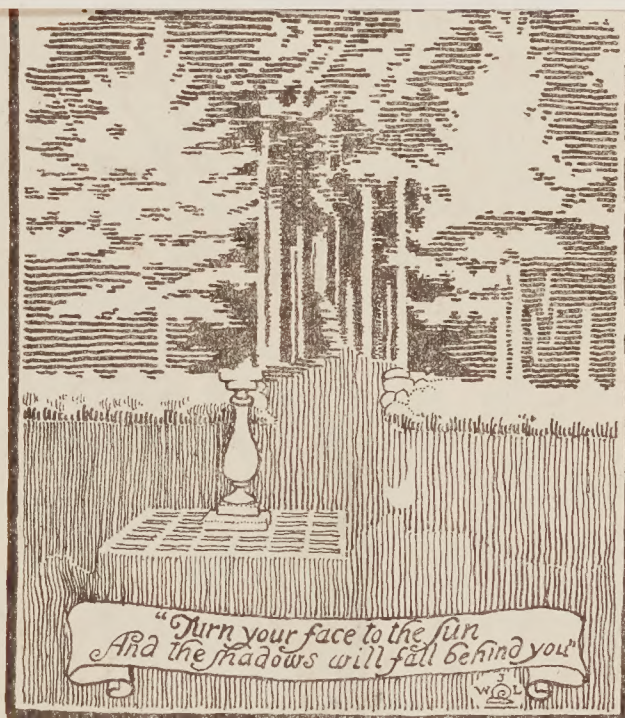
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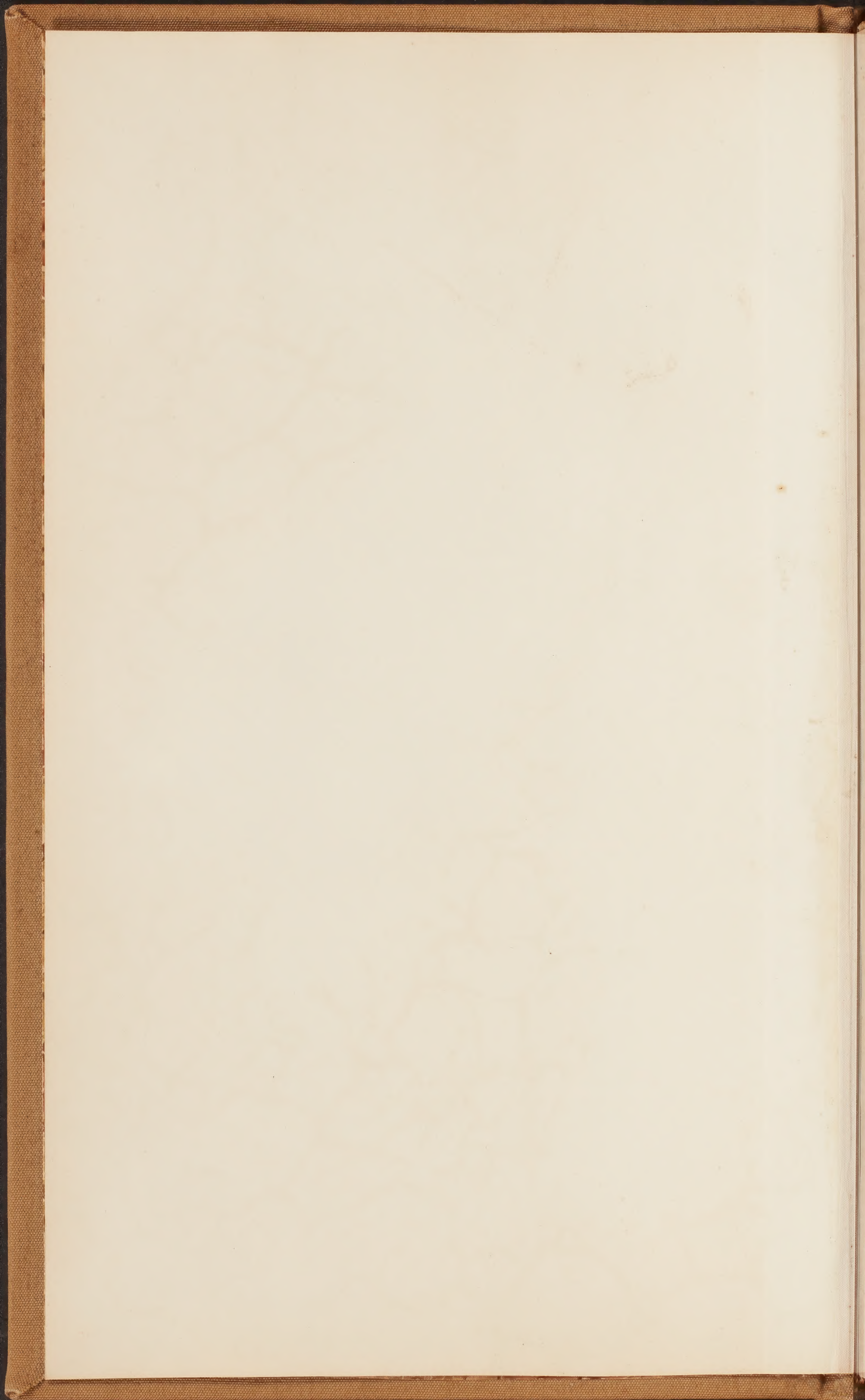
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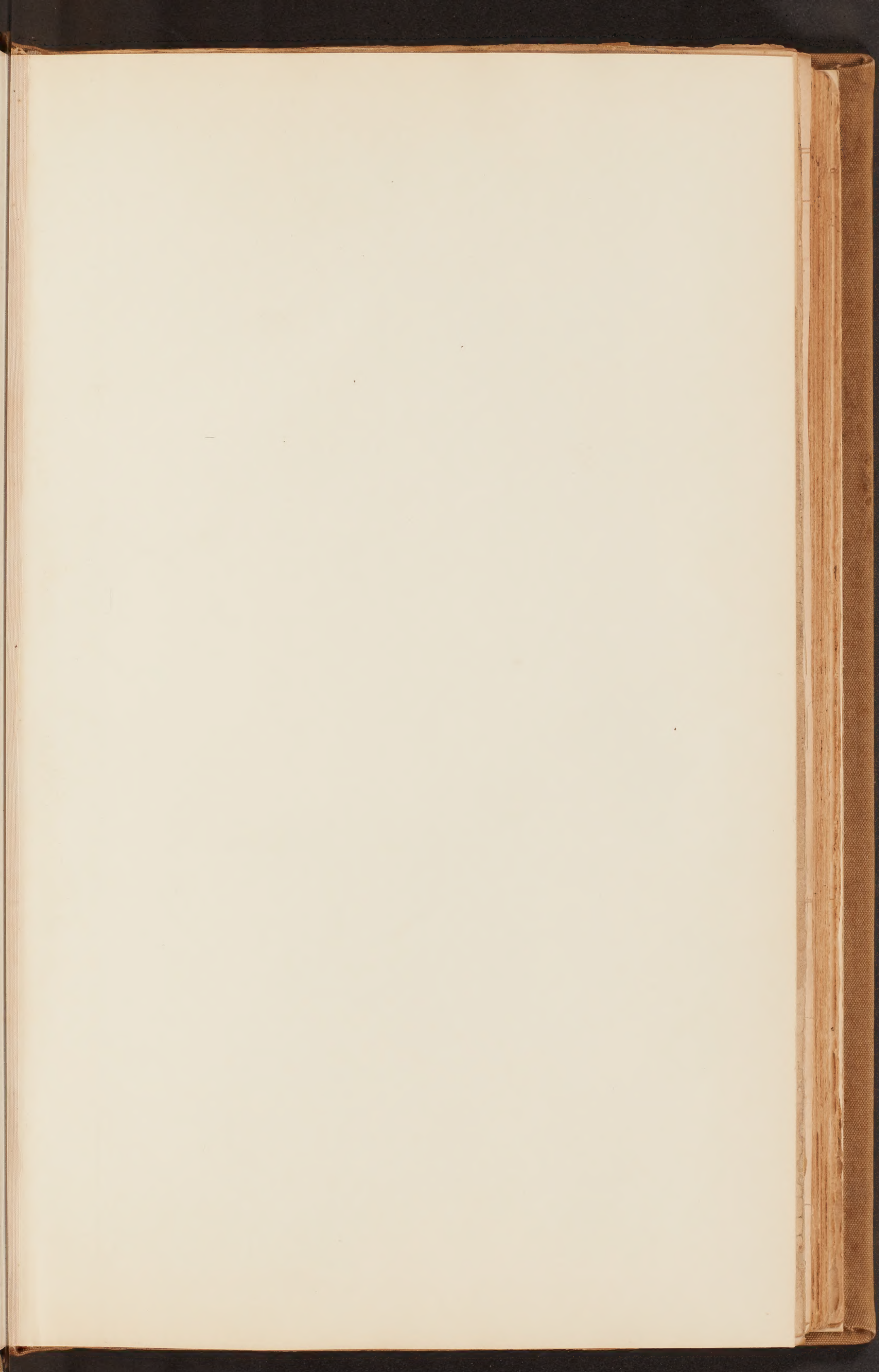
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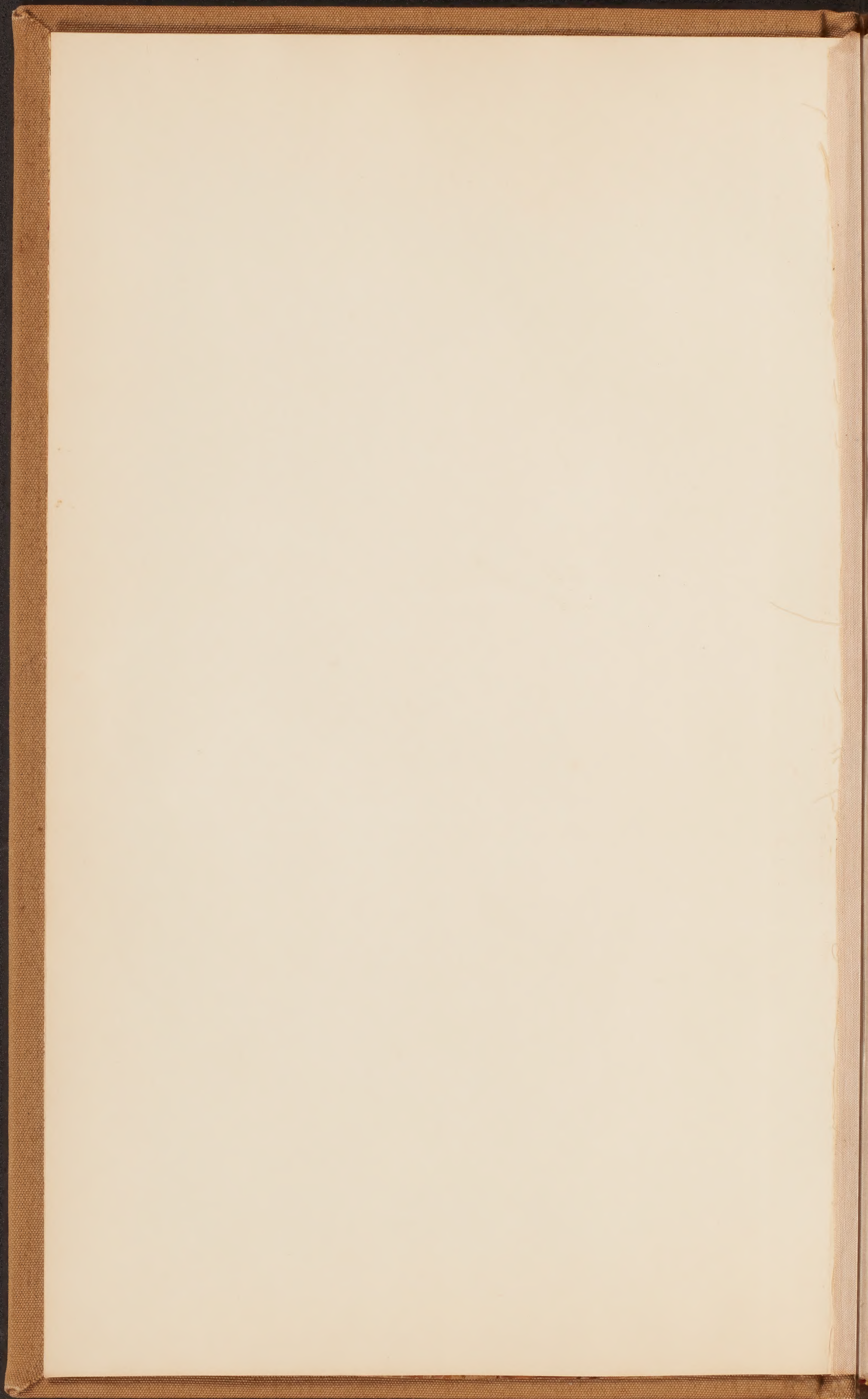
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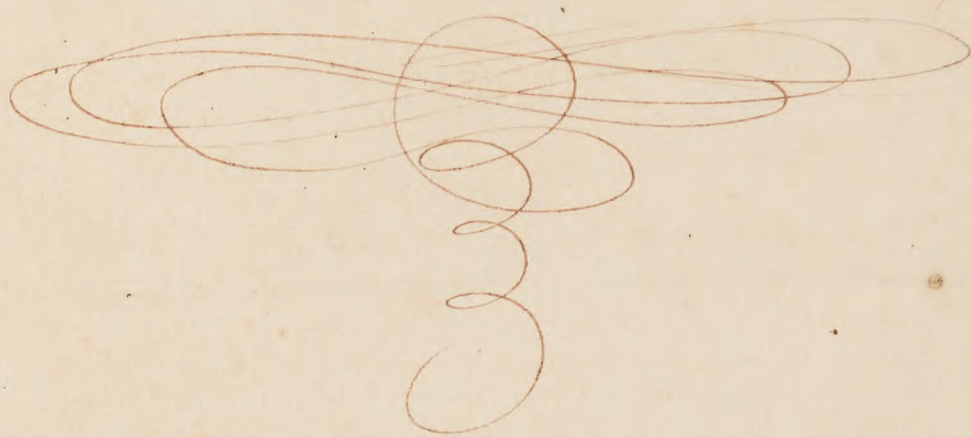




Ship Eugenia at Canton. —

On the 10th November 1805. Entered on board the Ship Eugenia of Philad.^a —
Shortly after I found this vessel's masts, yards &c in a very defective state,
withstanding they were warranted sound by her former owners previous to
Messrs Milcocks purchasing her, — the main mast was so rotten that it was
necessary to take it out & put an entire new head to it, — this & overhauling
the rigging which was also absolutely indispensable greatly retarded our
progress in loading, — by the 15th January this was however completed
in having stowed in the ship six hundred & seventy Tons of Teas &c. —

On Friday 17th January warped the ship
down to the first bar & got ready for sea. —



Ship Eugenia from Canton

Tuesday January 21st 1806

Calm & pleasant throughout the day. —

At 7 a.m. weighed anchor & sailed from Whampoa, —
at 10 came to with the stream between the first & second
Bar in 4 fathoms water. —

Wednesday Jan^y. 22nd —

Moderate gales from the N.E. & S.W. —

At 10 a.m. weighed anchor & sailed; — at 1 p.m. passed
thro' the Bocca Tigg's — shortly after we were boarded by the
Boaty belonging to the Blenheim & Hugh's British Men of War
by whom we were brought to anchor & detained eighteen hours, —
treated with impoliteness by their Officers, — plundered by their
crew & dishepped by the Command^r of the Blenheim who im-
posed out of our ship two Americans & one Dane, — after
this we were permitted to proceed. —

Thursday Jan^y. 23rd —

Moderate gales & cloudy weather, — Wind
variable from S to N.E. — At 9 a.m. weighed & sailed;
at 10 p.m. came to with the stream in 4½ fathoms near "Lin Tinn". —

Towards Philadelphia. —

Friday January 24. 1806.

Moderate gales & clouds. — Wind S.W. —

At 2 AM weighed & sailed; at 9 came to with the main
boom in a heavy flood in 3 1/2 fathoms water. —

Saturday January 25.

Light Windy & clear weather. —

At 11 AM. — Anchor & sailed from the harbor. —

H.	K.	F.	Courses	Winds	H.	Sunday January 26 1806.
1	L		S 6 E	N.W.		
2	6					Moderate gales & clouds.
3	6					
4	6					
5	6					
6	6					
7	6					
8	6					At 1 PM. the main boom
9	6					bore by the top of the mast & was
10	6					distant, by the main boom
11	6	2				& Longitude 24 50. 2. West.
12	6	2				

Course	S 10 E	Latitude by acct 20. 50. 00.
Distance	72 miles	Longitude by acct 2 5 50 W.
Difference Latitude	71 "	
Difference Longitude	13 "	
Difference Longitude	14 "	

Ship Ensign from Canton

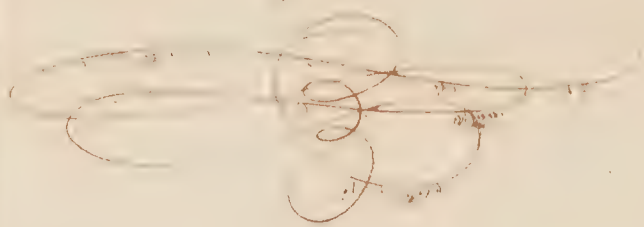
No.	F.	T.	Waves	Kinds	H.	Monday Janu 24 1800.
1			St. 8. 0	St. 8. 1		
2						
3						
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5						
6						
7						
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9						
10						
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97						
98						
99						
100						

1. 17 1/2 6 1/2
 2. 168 Miles
 3. 10.
 4. 49.
 5. 52.
 6. 18. 10 North.
 7. 18. 2 "
 8. 244. 38 West.

Toward Philadelphia.

22	12	F	Course	Miles	Time
1	5	4	S by E 2 S	5 8 1/2	10.00
2	5	4	"	"	
3	5	2	"	"	
4	5	4	"	"	
5	5	"	"	"	
6	5	"	"	"	
7	5	0	"	"	
8	5	6	"	"	
9	5	2	"	"	
10	5	"	"	"	
11	3	4	"	"	
12	3	"	"	6 3/4	
1	4	11	"	"	
2	4	"	"	"	
3	4	11	"	"	
4	4	11	"	"	
5	3	"	South	"	
6	3	"	"	"	
7	3	"	"	"	
8	2	11	"	"	
9	2	4	"	"	
10	2	"	"	"	
11	2	"	"	"	
12	1	4	"	8 1/2	

Moderate gales & clear.



Severe squalls.

Supposing the ship to be on a course

the magnetic variation is

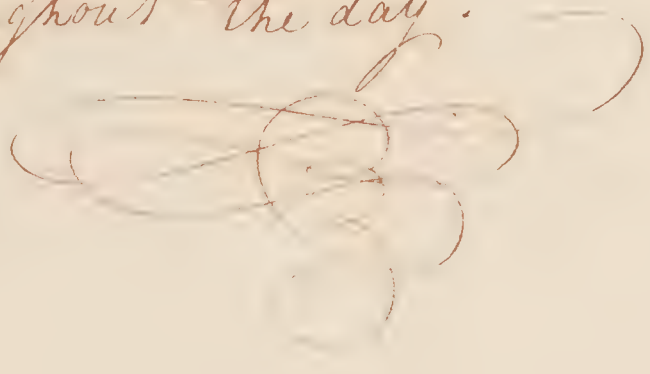
Southward & about 10 degrees

34 following.

galle brings about 10 degrees

Course	S 15° E
Distance	126 Miles.
Difference of Latitude	122
Departure	33
Difference of Longitude	34
Latitude by account	16° 15' North.
Latitude by observation	16° " "
Longitude by account	244° 24' West.

Ship Eugenia from Canton

H	M	Sec	Courses	Winds	L W.	Wednesday January 29 th 1805.
1	1	-	S.W.	North.		Moderate gales & pleasant weather throughout the day.
2	1	-	-	-		
3	2	-	-	-		
4	2	-	-	-		
5	2	-	-	-		
6	2	-	-	-		
7	3	-	-	-		
8	3	-	-	-		
9	4	-	-	N.W.		
10	4	-	-	-		
11	5	-	-	-		
12	5	-	-	-		
13	5	-	-	-		
14	5	-	-	-		
15	5	-	-	-		
16	5	-	-	-		
17	5	-	-	-		
18	5	-	-	-		
19	5	-	-	N.W.		
20	5	-	-	-		
21	5	-	-	-		
22	5	-	-	-		
23	5	-	-	-		
24	5	-	-	-		
25	5	-	-	-		
26	5	-	-	-		
27	5	-	-	-		
28	5	-	-	-		
29	5	-	-	-		
30	5	-	-	-		

Course S 45 W.
 Distance 105 Miles.
 Difference of Latitude 63
 Difference of Longitude 77
 Latitude by account 14° 46' North.
 Latitude by observation 14° 53'
 Longitude by account 245° 41' West.

Towards Philadelphia. —

H	h	f	Courses	Winds.	L	M	Thursday January 30 th 1805.
1	7		Ship's	NNE.			A continuation of moderate fine pleasant weather.
2	7						
3	5	4					
4	5						
5	5						
6	5						
7	7						
8	7						
9	5	4					
10	5						
11	5						
12	5	4					
1	5	4					Pleasant weather.
2	5						
3	4						
4	4						
5	4						
6	4						
7	4						
8	4						
9	4	4					
10	4	4					
11	4						
12	4						

Course ————— S 3rd 44th
 Distances ————— 150 Miles.
 Difference of Latitude — 124
 Departure ————— 121
 Difference of Longitude — 124
 Latitude by account — 12^o 31' North.
 Latitude by observation — 12^o 31'
 Longitude by account — 24th 45 West.

Ship Eugenia from Canton

		Courses	Winds	L ^o W	Friday January 31 st 1806.
1	8	S W 1/2 S	N E.		
2	5		"		Brisk gale & clear weather.
3	5		"		
4	8		"		
5	5		"		
6	5		"		
7	5	S W	"		
8	5		"		
9	5		"		
10	5		"		
11	5		"		
12	7		"		
1	8		"		Squally accompanied by showers
2	8		"		of fine rain.
3	5		"		
4	5		"		
5	5		"		
6	5		"		
7	5		"		
8	5		"		
9	5		"		
10	5		"		
11	5		"		
12	5		"		

Course S L 3 W
 Distance 183 miles.
 Difference of Latitude 140 "
 Departure 12 1/2 "
 Difference of Longitude 12 1/2 "
 Latitude by account 10° 37' North.
 Latitude by observation 10° 31' "
 Longitude by account 249° 52' West.

Towards Philadelphia.

			Course	Miles		Saturday, February 1 st 1840.
1				4:58		
2						
3						Commenced with brisk gale - breeze
4						about here & concluding with no wind
5						
6	4		116 S.			breezes & serene pleasant weather.
7	7					
8	7					
9	7					
10	5	3				
11	5	3				
12	7					
1	5	4				At 3 ³⁰ in forenoon, gale began to blow
2	5					by compass, but to disagree with it? -
3	5	4				
4	5					
5	5					At 6 ⁰⁰ in forenoon, gale began to blow
6	3	3				disagree.
7	3	4				
8	3	4				
9	3	4				
10	3	4				
11	3	4				
12	3	4				
1	3					North Longitude 251 - 15 West.
2	3					

Course	S 24 W
Distance	122 miles
Difference of Latitude	122 "
Difference of Longitude	50 "
Difference of Longitude	34 "
Latitude by observation	8 13 North.
Latitude by observation	8 "
Longitude by account	252 12 West.




Ship Eugeniu from Curlew

Hour	Bar	Therm	Winds	Sea	Remarks
1	30.0	55.0	S. S.E.		
2	30.0	55.0			Moderate gale & pleasant
3	30.0	55.0			weather throughout the day.
4	30.0	55.0			
5	30.0	55.0			
6	30.0	55.0			
7	30.0	55.0			
8	30.0	55.0			
9	30.0	55.0			
10	30.0	55.0			
11	30.0	55.0			
12	30.0	55.0			
1	30.0	55.0			
2	30.0	55.0			
3	30.0	55.0			
4	30.0	55.0			
5	30.0	55.0			
6	30.0	55.0			
7	30.0	55.0			
8	30.0	55.0			
9	30.0	55.0			
10	30.0	55.0			
11	30.0	55.0			
12	30.0	55.0			

At midday rounded Cape Horn
in 27 fathoms. Fine & clear
illumination with fine ^{gray} haze and
fading.

Course S 33° 45' W
Distance 121 miles
Longitude 104°
Latitude 64°
Longitude of Longitude 68°
Latitude by account 6° 16' North
Latitude by observation 6° 18' "
Longitude by account 253° 20' West

Lowaras Philadelphia. —

			Courses	Times	Notes
No.	h.	f.			
1	4	4	1 S 41°	1:38.	Monday, February 3 rd , 1803.
2	4	4	"	"	"
3	4	"	"	"	Serene / Calm and pleasant weather.
4	4	"	"	"	"
5	4	4	"	"	misty & breezy. —
6	4	4	"	"	
7	5	4	"	"	
8	5	4	"	"	
9	5	"	"	"	
10	5	"	"	"	
11	5	"	"	"	
12	5	"	"	"	
1	4	"	"	"	
2	4	"	"	"	
3	4	"	"	"	
4	3	5	"	"	
5	4	"	"	"	
6	4	"	"	"	
7	5	"	"	"	
8	5	4	"	"	
9	5	4	"	"	At 10 miles from shore, the wind shifted to the S.W.
10	5	"	"	"	very blue mists. —
1	5	"	"	"	"
2	5	"	"	"	"

Course ————— S 22, 30 W.
 Distance ————— 115 miles,
 Difference of Latitude? — 108 "
 Difference of Longitude — 44 "
 Latitude by account — 4, 27 North.
 Latitude by observation — 4, 25 "
 Longitude by account — 254, 4 West.

Ship *Eugenia* from Canton.

Course	S 10 W.
Distance	125 miles
Difference of Latitude	132 .
Difference of Longitude	22 .
Difference of Longitude	22 .
Latitude of point B	2, 22 North.
Longitude of point B	2, 13 "
Longitude of point C	254, 20 West.

to wards Philadelphia. —

h	h	F	Courses	Winds	L ^o	Wednesday February 5. 1800.
1	5	.	Sb. E	Sb. E		Moderate breezes & fair weather.
2	5	.	"	"		
3	5	2	"	"		
4	5	2	"	"		
5	5	.	"	"		
6	5	.	"	"		At 9 a.m. saw Lingus bearing
7	5	4	"	"		S. W. & S. 12 leagues distant.
8	5	.	"	"		
9	5	.	"	"		at midday the South point of
10	5	.	"	"		said Island bore S. by E. 4.
1	5	.	"	"		For 4 leagues distant.
2	5	4	"	"		
3	5	.	"	"		
4	5	.	"	"		
5	5	.	"	"		For the last 48 hours we have been
6	5	.	"	"		influenced by a current setting to
7	5	.	South.	"		the Southwest & East.
8	5	.	S. W.	"		
9	5	.	S. S. W.	"		
10	5	.	"	"		
11	4	.	"	"		
12	4	.	"	"		

Course ————— S 3° E
 Distance ————— 133 miles.
 Difference of Latitudes — 145 " being more than the length of the
 Latitude ————— 11 "
 Difference of Longitudes — 11 "
 Latitude by account — 00 " 00 "
 Latitude by observation — 12 South.
 Longitude by account — 254. 15 West.

Ship *Cygnus* from London

Thursday February 8th 1803.

Leaving us with moderate breezes & pleasant weather. —
At 8 pm. Dula Sibore by N 4 miles distant. —
At 9 pm. — 12 pm. — having the ship on a Winded
beats to the Eastward. — At 2 pm. 3 miles S. by E. —
to the S. by E. for Banca Strait. — At 3 saw the seven
Islands bearing N. by E. — At 4 saw Banca & 1/2 Monja
to the S. by E. — Saw a Ship Brig. under stencoring,
bearing the Dutch flag. — At noon came up with them & spoke
the ship — they are under Malacca flag — well crewed & completely
fitted out & were from Kelacca bound to Palamban. —
Kiaer N. by E. —

Friday February 9th 1803.

Continued with moderate breezes from the N. by E. & pleasant
weather. — At 7 pm. came to the Banca Strait
with the smaller vessel in 12 fathoms. — 3rd point bearing N. by N.
Dula Sibore East 3 miles distant. —
At 8 a.m. weighed anchor & made sail. — At 11 2nd pt
bearing N. by N. 12 miles distant from our first point E. by N. —
At noon arrived at the entrance of the Straits of Banca
& saw the Dutch flag of a ship to the S. by E. of the ship, which induced
us to believe there were some Indian vessels near. — saw a small

towards Philadelphia.

It, this was verified & we were fully convinced it was a narrow reef
a spit extending from N.E. to S.W. about a cables length, apparently
the only one or three of the kind seen at this time. It was about
half the size, — this must either be considered a new discovery or
it is the same slightly different & more easily mentioned as being near
the Banca Shore, whereas I am positive about it if we be near
that of Sumatra & being only 2 1/2 miles from it at farthest, — it
divides the "2nd" species, — in the former being more
myself, where very near it will show its position. —
— "2nd" point of Sumatra at N.E. of it. — It is about 1/2
miles to the Westward of Singapore. — N.E. of it. —
South extreme of Banca in sight N.E. — It is associated
with it with the distance from Sumatra 2 1/2 miles. —
My eye coming with light being about 1/2

Saturday February 8. 1860.

Pleasant weather & moderate breezes throughout the day. —
At 3 p.m. saw Laysan being S.W. by S. — 8 miles dist. —
At 8 " it bore North 11 miles distant; course since
this time to noon South. — a strong current setting the ship
to the Westward. —

* See English East India

Ship Eugenia from Canton

Sunday February 9. 1866.

The first part moderate breezes from the North-west and
pleasant weather. Middle part squally with rain.
Late part light variable winds & clear weather.
At 3 pm. saw the British bearing S S W. 4 leagues distant.
At 4 pm. came to anchor with the small boat in 3 fathoms Water
the British bearing S S W. 4 leagues distant.
At 2 am. sighted anchor & sailed. At midnight North
Island bore S W by South 5 miles distant.
Sailed past insight steering to the North-west.

Monday February 10.

Light Wind, pleasant weather. At 5 a m. came to anchor
the small boat in 3 fathoms. North Island bearing N by E
one league distant.

Tuesday February 11.

Heavy squally from the S W with heavy showers of rain
rendered it impracticable to get out from Water on the 11th day.

Wednesday February 12.

Light gales succeeded by squally from the S W.
We on board a supply of Wood Water.

lowards Philadelphia.

Thursday February 13th 1805.

light Windy & hard squally with rain. — At 2 am. weighed anchor & sailed from North Island. — Wind variable from S.W. to S.S.W. —

Friday February 14th 1805.

Fresh gales succeeded by heavy squally with showing of rain. — At 6 am. the head on the forecastle bore S.W. $\frac{1}{2}$ W. — six miles distant. — Throat of the Bay East. — Double reefed the Top-sails. — At 8 am. saw Prince's Island bearing S.W. by S. 5 leagues distant. — it is more moderate weather. — Since last evening we have gained 2 very little. —

Wind variable from S.W. to N.W. —

Saturday February 15th 1805.

Hard squally with rain throughout the day, from 10 am. — At 2 pm. saw a Ship standing to the Southward near the shore. —

Since yesterday noon we have but gained very considerably notwithstanding a fresh S.W. wind has been raised in the Ship. nor is there any probability of gaining, the Wind & current still continuing adverse. — Wind from S.W. to N.W. —

Ship Columbia from Canton

Sunday February 15th 1806

Went to sea. Succeeded by Calms with heavy showers of rain.
At 12 noon. favored with a light breeze from the northward
which enabled us to reach Crookston.

Left port finally from the Westward.

Monday February 16th 1806

The wind from the Westward partly hard squally from the Westward
with rain. At 2 pm. Prince of Wales bore S.W. - 10 miles
at 3 pm. S.W. 3 miles distant.

Left port finally from the Westward with a moderate breeze from
West.

Towards Philadelphia.

No.	H.	F.	Course	Winds	No.	Date
1						Tuesday February 18 th 1806.
2				N. W.		Light Windy & pleasant weather.
3						
4						
5						
6						
7	3		S. by E.			
8	4	4				
9	5		S. by W.	West		At 5 pm. got without the Sound
10	4	4				of London.
11	4		N. by W.	N. by E.		
12	3					
1	3		S. by W.	S. by W.		Departure taken from Tarr Head
2	4					at 5 pm. It then being 65 1/2
3	2					E. Seven miles distant. Latitude
4	5					5. 45 North, Longitude 255. 5 W.
5	4		N. by W.			
6	3	4				
7	4					
8	5					
9	1		S. by W.	N. by W.		
10	4					
11	4					
12	1					Weather & latter part of day with Rain.

Course ————— S. by W.
 Distance ————— 23 miles
 Difference of Latitude — 54 "
 Departure ————— 40 "
 Difference of Longitude — 40 "
 Latitude for account — 52. 42 North.
 Longitude for account — 255. 5 West.

Ship Eugenia from Canton

					Wednesday February 19 th 1805.
No.	H.	F.	Cours	Winds	L.
1	—	—	S.W.	N.W.	
2	5	—	—	—	
3	5	—	—	—	
4	5	—	—	—	
5	5	—	—	—	
6	5	—	—	—	
7	5	—	—	—	
8	10	—	—	—	
9	12	—	S.W.	—	
10	5	—	—	—	
11	4	—	—	—	
12	—	—	—	—	
13	2	—	—	—	
14	5	—	—	—	
15	5	—	—	—	
16	5	—	—	—	
17	5	—	—	—	
18	8	—	—	—	
19	8	—	S.W.	—	
20	8	—	—	—	
21	8	—	—	—	
22	8	—	—	—	

Strong gales succeeded by violent

gales with rain. —

Double reefed the topsails. —

Cours — — — — — 22 1/2

Distance — — — — — 148 miles.

Difference of Latitude — 131

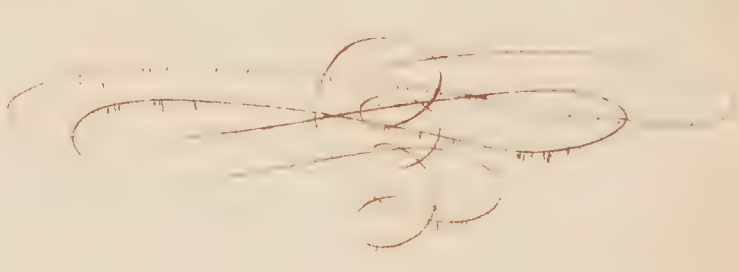
Difference of Longitude — 52

Difference of Longitude — 53

Latitude by account — 53 South.

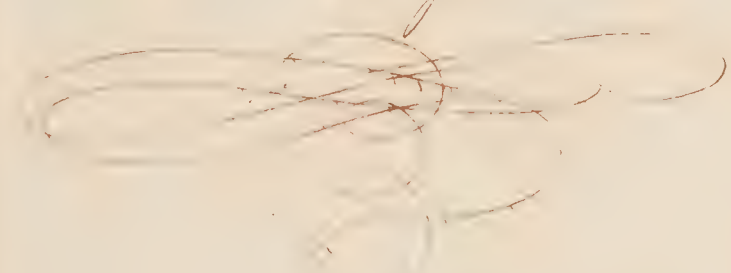
Longitude by account — 256 1/2 West.

Towards Philadelphia: -

	H	F	Courses	Winds	lb w	Thursday February 20, 1800. -
1	4		S by E	SSE		A continuation of boisterous squally weather with much Rain. -
2	4		"	"		
3	4		"	"		
4	4		"	"		
5	4		"	"		
6	4		"	"		
7	5		"	"		
8	5		"	"		
9	5		SW	"		
10	5		"	"		
11	3		"	"		
12	2		"	"		
13	3		"	"		
14	5		SSE	West		
15	4		"	"		
16	4		S by E	SSE 1/2	1 1/2	
17	4		"	"		
18	3		"	"		
19	3		"	"		
20	2	4	"	"		
21	2	4	"	"		
22	2		"	"		
23	2		"	"		
24	2		"	"		
25	2		"	"		

Course - - - - - S 21 W
 Distance - - - - - 74 Miles.
 Difference of Latitude - - - 8 "
 Difference of Longitude - - - 34 "
 Latitude by account - - - 11 20 South
 Latitude by observation - - - 11 24 "
 Longitude by account - - - 257 18 West.

Ship Caigemia from Canton

			Courses	Winds	B W	Friday February 21 st 1805
1	2	3	South	W.S.W.	2 1/2	First part southerly with Rain. ~ 
2	2	3	—	—	—	
3	2	3	—	—	—	
4	2	3	—	—	—	
5	2	3	—	—	—	
6	2	3	—	—	—	
7	2	3	—	—	—	
8	2	3	—	—	—	
9	2	3	—	—	—	
10	2	3	—	—	—	
11	3	4	—	—	—	Middle part fresh gales & a heavy, irregular sea. ~
12	3	4	—	—	—	
1	2	3	—	—	—	
2	2	3	—	—	—	
3	2	3	—	—	—	
4	2	3	—	—	—	
5	2	3	—	—	—	
6	2	3	—	—	—	
7	2	3	—	—	—	
8	2	3	—	—	—	
9	2	3	—	—	—	Latter part moderate breeze & choppy Sea. ~
10	2	3	—	—	—	
11	2	3	—	—	—	
12	2	3	—	—	—	
1	2	3	—	—	—	
2	2	3	—	—	—	
3	2	3	—	—	—	
4	2	3	—	—	—	
5	2	3	—	—	—	
6	2	3	—	—	—	

Course ————— 258°
 Distance ————— 52 miles.
 Difference Latitude — 56
 Difference ————— 27
 Difference of Longitude — 28
 Latitude by account — 12° 20 South.
 Longitude by account — 258° 50 West.

Towards Philadelphia.

	h	F	Course	Winds	Q	W	Saturday February 22 nd 1865.
1	3		SE	SW	2		
2	3						Moderate gales & cloudy with a heavy irregular sea.
3	3						
4	2	4					
5	3	1					
6	4						
7	3						
8	3						
9	3	4					
10	3	4					
11	3						
12	3						
1	3						
2	2	4					
3	3						
4	3						
5	3		SE by S.	SW by S.			
6	3						
7	3	4					
8	3	4					
9	3		SE.	SW.			
10	3						
11	2	4	SE by S.	SW by S.			
12	2	4					

Course ~ ~ ~ ~ ~ S 48 E.

Distance ~ ~ ~ ~ ~ 43 miles.

Difference of Latitude ~ 49 "

Departure ~ ~ ~ ~ ~ 54 "

Difference Longitude ~ ~ 55 "

Latitude by acct ~ ~ 13° 9' South.

Latitude by observation ~ ~ 12° 42 "

Longitude by acct ~ ~ 255° 55 West.

Ship Eugenia from Canton

H	h	Courses	Winds	L
1	3	SE by S	SE by S	
2	3			
3	3			
4	3			
5	3	W by S		
6	3			
7	3			
8	3			
9	3			
10	3			
11	3			
12	3			
13	3			
14	3			
15	3			
16	3			
17	3			
18	3			
19	3			
20	3			
21	3			
22	3			
23	3			
24	3			

Sunday February 23rd 1805.

Moderate gales & clear weather.



Made latter part light

windy & pleasant.

Course 150 N

Distance 57 miles.

Difference Latitude 1

Difference Longitude 58

Latitude by account 12.39 South.

Latitude by observation 12.35

Longitude by account 250.53 West

Towards Philadelphia. —

	h	F	Graves	Graves	La	Monday February 24 th 1805
1	2		W by N	S by E		
2	2		—	—		
3	2		—	—		Moderate breezes & serene pleasant
4	2		—	—		weather. —
5	2		—	—		
6	2		—	—		
7	3	4	W by S	S by W		
8	3	4	—	—		
9	3		—	—		
10	2	4	—	—		
11	2	4	—	—		
12	3		—	—		
13	3		—	—		
14	2	4	—	—		
15	2		West	S by W		
16	2		—	—		
17	2	4	—	—		
18	2	4	—	—		
19	3		—	—		
20	3	4	—	—		
21	2	4	—	—		
22	2		—	—		
23	2		—	—		
24	2		—	—		

Course — — — — — N 85° W.
 Distance — — — — — 52 miles
 Difference of Latitude — 5 "
 Departure — — — — — 52 "
 Difference Longitude — 53 "
 Latitude by account — 12° 34' South.
 Latitude by observation — 12° 30 "
 Longitude by account — — — 257° 50' West

Ship Eugenia from Canton

H	H	S	Courses	Winds	L	M	Tuesday February 25 th 1805.
1	2		West	SSW			
2	3		---	---			
3	4		---	---			Moderate breezes & pleasant
4	5		---	---			
5	6		---	---			
6	7		---	---			
7	8		---	---			
8	9		---	---			
9	10		W by S	SW by S			
10	11		---	---			The Longitude by account
11	12		---	---			differing (2° 15') from that by
1	2		---	---			observation it is probable the
2	3		---	---			Ship has been influenced by
3	4		---	---			a current setting to the Eastward
4	5		---	---			
5	6		---	---			
6	7		---	---			
7	8		---	---			
8	9		---	---			
9	10		S by E	SW by E			
10	11		---	---			
11	12		---	---			
12	3		---	---			

Course --- N 83 W
 Distance --- 42 miles.
 Difference Latitude --- 5 "
 Difference Longitude --- 42 "
 Latitude by account --- 12° 34' South
 Latitude by observation --- 12° 25' "
 Longitude by account --- 258° 39' West
 Longitude by observation --- 255° 45' " at 2 p.m. -
 39 difference made from above time
255° 24' West

Towards Philadelphia. —

h	K	I	Courses	Winds	L W.
1	2	"	S by E	S by W	
2	2	"	"	"	
3	2	"	"	"	
4	2	"	"	"	
5	2	4	"	"	
6	2	4	"	"	
7	3	"	"	"	
8	3	"	"	"	
9	2	4	"	"	
10	2	4	"	"	
11	3	"	"	"	
12	2	4	"	"	
1	2	"	"	"	
2	3	"	"	"	
3	1	"	"	"	
4	2	"	"	"	
5	2	"	"	"	
6	2	"	"	"	
7	2	4	"	"	
8	2	4	"	"	
9	2	4	"	"	
10	3	"	"	"	
11	3	4	"	"	
12	3	4	"	"	

Wednesday February 20th 1857

Fine pleasant weather &
light breeze.

The following observations taken at
1st 3rd 36 pm. gave the Longitude
104° 15' East of London. —

Observed distance of the Sun &
Moon nearest sun 70° 36"
" Altitude of the Sun
Lower limb 73° 48"
" Altitude of the Moon
upper limb 11° 36"

Courses — — — — — S 11° 15' East
Distance — — — — — 59 miles
Difference of Latitude — — — — — 58 "
Departure — — — — — 12 "
Difference of Longitude — — — — — 12 "
Latitude by account — — — — — 13° 23' South
Latitude by a meridian alt. — — — — — 13° 23' "
Longitude by account — — — — — 255° 12' West at noon
Longitude by observation — — — — — 255° 44' " at 1st 3rd 36
11 difference made from
255° 33' West.

Ship Eugenie from Canton

Hrs		Courses	Winds	Thursday February 27 th 1805	
1	2	SSE.	SW. 11.	Light Windy & pleasant weather.	
2	2				
3	3				
4	3				
5	3				
6	3				
7	2				
8	2				
9	1				
10	1				
11	1			At 2, 3, 4, 5 p.m. observed the distance of the Sun & Moon nearest being 104. 16. 45. Altitude of the Sun lower limb 30. 30. — Altitude of the Moon upper limb 18. 14. — which gives 102. 25. 30 East Longitude. —	
12	1				
1	1	SSE.	SW. 11.		
2	2				
3	2				
4	2				
5	2				
6	2				
7	1				
8	1				
9	1				
10	1				
11	1				
12	1				



Course — S 44 E
 Distance — 20 miles.
 Difference of Latitude — 19
 Longitude — 18
 Difference of Longitude — 13
 Latitude by account — 13, 38 South.
 Latitude by observation — 13, 42 "
 Longitude by account — 255, 15 West.
 Longitude by observation — 255, 34 at 2, 3, 4 p.m. —
 14 " difference made from above time to noon.
255, 20 West. at noon.

Towards Philadelphia. —

	k	f	Courses	Winds	W	Friday February 28 th 1805.
1			—	—		
2			—	—		
3			—	—		First part of the day calm & fair
4			—	—		weather. —
5			—	—		
6	1	4	N. S. W.	South.		
7	1	4	—	—		
8	3		—	—		At 8, m.: favored with a breeze
9	3		—	—		since we were made that in a
10	4		—	—		gentle breeze. —
11	4		—	—		
12	4		—	—		
13	4		—	—		
14	3	4	—	—		
15	3	4	—	—		
16	3		—	—		
17	3	4	—	—		
18	4	4	—	—		Light squally with fine moon.
19	3		—	—		
20	4	4	—	—		
21	4	4	—	—		
22	4	4	—	—		
23	4	4	—	—		
24	4	4	—	—		Clear & pleasant.

Course — S by W
 Distance — 64 miles
 Difference of Latitude — 21 "
 Departure — 51 "
 Difference of Longitude — 63 "
 Latitude by account — 14 " N. South.
 Latitude by observation — 14 " 3 "
 Longitude by account — 256. 23 West.
 Longitude by observation — 255. 8 " at 7 p. m.
 1 " 3 " diff. made in 11 h.
 255. 9 West.

Ship Eugenia from Canton

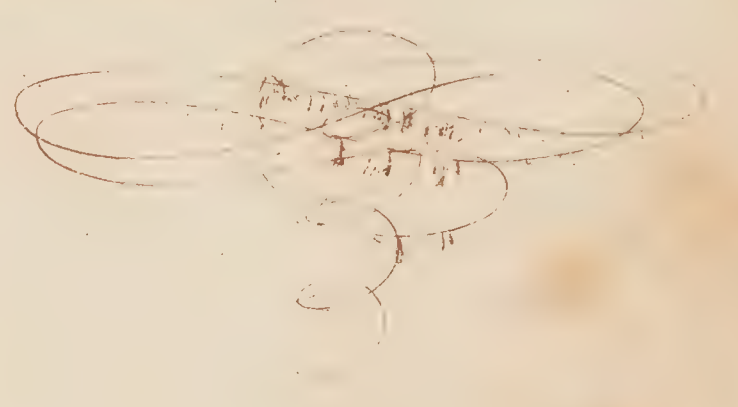
H	R	Courses	Winds	L	
1	1	WSW	SSE		Saturday March 1 st 1865.
2	2				Season's weather & a fine brisk
3	3				trade winds.
4	4				
5	5				
6	6				
7	7				
8	8				
9	9				
10	10				
11	11				
12	12				
1	1				
2	2				
3	3				
4	4				
5	5				
6	6				
7	7				
8	8				
9	9				
10	10				
11	11				
12	12				

Squally with fine Rain.

Latter part cloudy.

Course — 45 W.
 Distance — 154 Miles
 Difference of Latitude — 43 "
 Departure — 138 "
 Difference Longitude — 163 "
 Latitude by account — 14° 51' South.
 Latitude by observation — 14° 46' "
 Longitude by account — 258° 52' West.

Journal Philadelphia. —

		Courses		Winds	Sunday March 2 nd 1806.	
1	0	2	W. S.	E. S. E.	Brisk gales succeeded by squalls with rain.	
2	7					
3	5					
4	3					
5	2					
6	1					
7	1					
8	0					
9	0					
10	0					
11	7					
12	4			S. E.		
13	2					
14	0					
15	0					
16	0					
17	0	4				
18	0					
19	3	4				
20	0					
21	3					
22	5					

Course ————— S 84 W

Distance ————— 148 Miles.

Difference Latitude ————— 15 "

Difference Longitude ————— 12 "

Difference Longitude ————— 132

Latitude by account ————— 13 " 1 South.

Longitude by ac: ————— 261 " 24 West.

Ship Eugenia from Canton

L	H	Course	Wind
1	7	W. S.	W. S. E.
2	7	" "	" "
3	8	" "	" "
4	8	" "	" "
5	7	" "	" "
6	7	" "	" "
7	7	" "	" "
8	7	" "	" "
9	8	" "	" "
10	7	" "	" "
11	8	" "	" "
12	8	" "	" "
1	8	" "	" "
2	8	" "	" "
3	7	" "	" "
4	7	" "	" "
5	7	" "	" "
6	7	" "	" "
7	7	" "	" "
8	7	" "	" "
9	7	" "	" "
10	7	" "	" "
11	7	" "	" "
12	"	" "	W. S. E.


Monday March 3rd 1805.

Moderate breeze & clear weather.



Course ————— 284 11.
 Distance ————— 175 miles.
 Difference of longitude — 18
 Difference of latitude — 173
 Difference of longitude — 181
 Latitude by account — 15. 19 South.
 Longitude by account — 15. 28
 Longitude by account — 204. 24 West.

Towards Philadelphia. —

		Courses		Sundays March 4 th 1825.	
		Courses			
1	5	11 2 3	SE.	Fine pleasant weather & much sun.	
2	5	— " —	— " —		
3	5	— " —	— " —		
4	5	— " —	— " —		
5	5	— " —	— " —		
6	5	— " —	— " —		
7	5	— " —	— " —		
8	5	— " —	— " —		
9	5	— " —	— " —		
10	5	— " —	— " —		
11	5	— " —	— " —	Variations of the compass at Sun. Mar. 21. 1825. —	
12	5	— " —	— " —		
13	5	— " —	— " —		
14	5	— " —	— " —		
15	5	— " —	— " —		
16	5	— " —	— " —		
17	5	— " —	— " —		
18	5	— " —	— " —		
19	5	— " —	— " —		
20	5	— " —	— " —		
21	5	— " —	— " —		
22	5	— " —	— " —		
23	5	— " —	— " —		
24	5	— " —	— " —		
25	5	— " —	— " —		

Course — — — — — S 85° W.
 Distance — — — — — 148 miles
 Difference Latitude — — — 13 "
 Departure — — — — — 14 "
 Difference Longitude — — — 133 "
 " " " " " " " " " " " "
 Latitude by account — — — 13° 41' South.
 Longitude by account — — — 266° 54' West.

Ship Eugenia from Canton

H.	H.	1	Courses	Winds	Tuesday March 3 rd 1805.
1	2		W 1/2 S.	SE	
2	1				
3	1				Presently as with a fine breeze &
4	1				serenes weather.
5	5				
6	5				
7	5				
8	7				
9	7				
10	5				
11	7				
12	7				
1	7				
2	7				
3	7				
4	7				
5	7				
6	7				
7	7				
8	7				
9	7				
10	5				
11	5				
12	5				

Direction of the Com. 2nd Westwardly. —

Course — 183 N.
 Distance — 150 miles
 Difference Latitude — 20
 Difference Longitude — 102
 Latitude of point — 15° 18' N.
 Longitude of point — 10° 18' W.
 Longitude of point — 257° 43' West.

Towards Philadelphia. —

			Courses	Winds	Wednesday March 5 th 1800.
1			W by S	SSB!	Moderate gales & pleasant.
2	6				
3	6				
4	6				
5	6				
6	6				
7	6				
8	6				
9	6				
10	6	4			
1	6	4			Continuation of the Log, Feb 2 ^d 1800.
2	6				
3	5				
4	5				
5	5				
6	4				
7	4				
8	3	4			
9	5				
10	6				
1	6	4			
2	6	4			

Course: ————— S 71 W
 Distance: ————— 135 Miles.
 Difference Latitude: ————— 41
 Difference Longitude: ————— 128 "
 Difference Longitude: ————— 133 "
 Latitude by account — 16° 49' South.
 Latitude by observation — 16° 50' "
 Longitude by account — 2° 1' 50' West.

Ship Eugenia from Canton

		Courses		Winds		Friday March 7. 1800.	
1	5	W. S. S. 2 E.		E. S. E.		Breeze mild & clear.	
2	5						
3	5						
4	5						
5	5	W. S. S. 2 E.		E. S. E.		Breeze mild & clear.	
6	5						
7	5						
8	5						
9	5	W. S. S. 2 E.		E. S. E.		Breeze mild & clear.	
10	5						
11	5						
12	5						
1	5	W. S. S. 2 E.		E. S. E.		Breeze mild & clear.	
2	5						
3	5						
4	5						
5	5	W. S. S. 2 E.		E. S. E.		Breeze mild & clear.	
6	5						
7	5						
8	5						
9	5	W. S. S. 2 E.		E. S. E.		Breeze mild & clear.	
10	5						
11	5						
12	5						

Rest. day, with rain. —

Variation of the Compass 2° West.

Course of the ship in P. S.

Course — 175° W.
 Distance — 140 miles
 Difference Latitudes — 42 "
 Difference Longitudes — 135 "
 Distance by account P. S. — 173.38 miles.
 Latitude by observation — 14° 41 "
 Longitude by account — 121° 41' 15" West.

Towards Philadelphia. —

B	H	F	Courses	Winds	Saturday March 8 th 1800.
1	6	4	W. S	SE.	Pleasant weather & brisk trades.
2	~				
3	~				
4	~				
5	6	4			
6	6	4			
7	~				
8	~				
9	~	4			
10	~	4			
11	~	4			Variation of the Compass 2° West. —
12	~	—			
1	~				
2	~				
3	6	—			
4	6	4			
5	~				
6	6	4			
7	~				
8	~				
9	~				
10	~				
11	~				
12	~				

Courses — — — — — 540 1140
 Distances — — — — — 12^h Miles.
 Difference Latitude — — — — — 20
 Departure — — — — — 152
 Difference Longitude — — — — — 140
 Latitude by account — — — — — 18° 19' South.
 Latitude by observation — — — — — 18° 21'
 Longitude by account — — — — — 24° 3' West.

Ship Eugenia from Canton

H	N	F	Courses	Winds	Sunday March 9 th 1806.
1	1	1	Wg. S.	SE.	Brisk gales & clear weather.
2	2	2			
3	3	3			
4	4	4			
5	5	5			
6	6	6			
7	7	7			
8	8	8			
9	9	9			
10	10	10			
11	11	11			
12	12	12			
1	1	1		By S.	Pleasant & clear.
2	2	2			
3	3	3			
4	4	4			
5	5	5			
6	6	6			
7	7	7			
8	8	8			
9	9	9			
10	10	10			
11	11	11			
12	12	12			

Heading 2° Westerly.

Later part squally with Rain.

Course ... 144 W.
 Distance ... 140 miles
 Difference Latitude ... 38
 Difference Longitude ... 163
 Difference Longitude ... 141
 Latitude of Canton ... 18° 59' South.
 Longitude of Canton ... 279° 55' West.

Towards Philadelphia. —

	R	F	Courses	Winds	Monday March 10 th 1868.
1	7		W 1/2 S	ESE.	
2	7				Pleasant weather & a fine brisk
3	7				Trade Wind. —
4	7				
5	7				
6	8				
7	8				
8	8				
9	8				
10	8				
11	8				
12	8				
13	8				
14	8				
15	8				
16	8				
17	8				
18	8				
19	8				
20	8				
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22	8				
23	8				
24	8				
25	8				
26	8				
27	8				
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88	8				
89	8				
90	8				
91	8				
92	8				
93	8				
94	8				
95	8				
96	8				
97	8				
98	8				
99	8				
100	8				

Variation of the Comp.
 14° East. —

Course. —

Longitude ~~as run~~ ~~by observation~~

285 1 West

at 7 a.m.

Latter part ~~no wind~~ ~~by observation~~

Course — — — — — 153 W.
Distance — — — — — 15 1/2 miles
Difference Latitude — — — 19 "
Departure — — — — — 135 "
Difference Longitude — — — 103 "
Latitude by account ~~19~~ 19 " 18 South.
Latitude by observation — — 19 " 55 "
Longitude by account ~~282~~ 282 " 41 West.
Longitude by observation — 285 1 " at 7 a.m.
19 difference made from — — — — —
285 20 West.

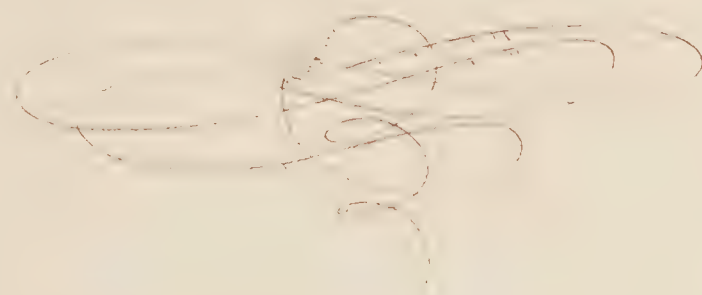
Ship California from Canton

H	n	1 st	Courses	Minutes
1	5		N by E.	330.
2	8			
3	0			
4	2			
5	0			
6	0			
7	0			
8	0			
9	0			
10	0			
11	0			
12	0			
1	0			
2	0			
3	0			
4	0			
5	0			
6	0			
7	0			
8	0			
9	0			
10	0			
11	0			
12	0			

Tuesday March 11 1845.

A continuation of pine trees & scrub.

& moderate winds.



Variation of the compass & Magnet.

Longitude for astronomical observation

288. 31 West

by clock.

Courses

5 1/2 Hrs

Distance

133 miles

Supposed Distance

31

Supposed

120

Supposed Distance

134

Latitude by account

20. 15 South

Latitude by observation

22. 24

Longitude by account

288. 31 West

Longitude by observation

288. 31 by clock.

15 difference made from above time to time

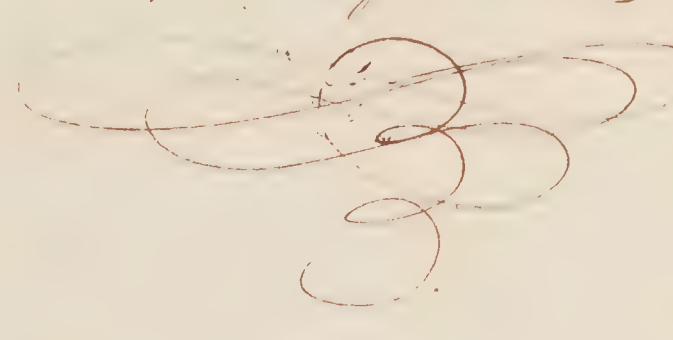
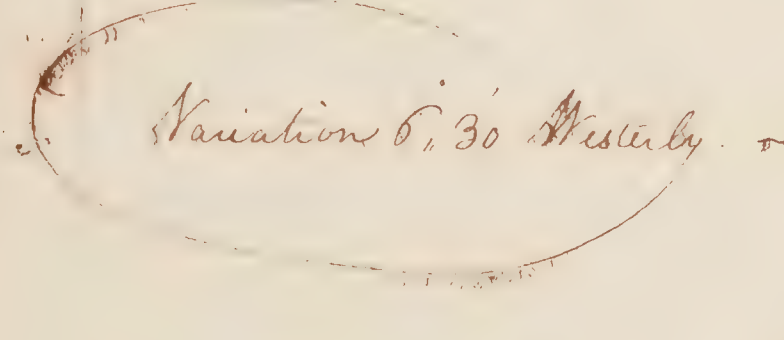
288. 47 West

Commodore Philadelphia.

H.	K.	F.	Courses	Winds	Wednesday March 12, 1806.
1	5		N, 2 S	ESE.	
2	5				
3	4				Light Winds & clear weather.
4	4				
5	4				
6	4				
7	4				
8	4			East	
9	4				Variation of the Compass, from place
10	4				at Sun-rise 5.30 West.
11	4				
12	4				
1	3				
2	3				Sun distance from the Moon 10. 11. 40
3	3				at 10. 11. 40
4	3				at 10. 11. 40
5	3				Altitude of the Sun { 54
6	4				lower limb {
7	4			By N	
8	4				Alt. of the Moon { 35
9	4				upper limb {
10	4				
11	5				Long. 70. 2. 30 East.
12	5			SE.	

Course	SE. by S.
Distance	45 Miles
Difference Latitude	20
Departure	11
Difference Longitude	14
Latitude of account	20 20 South.
Latitude of observation	20 55
Longitude of account	290. 24 West.
Longitude of observations	289. 58 at 11 a.m.
	5 diff. made since 11 a.m.
	290. 3 West.

Ship Encirica from London

H.	h	f	Courses	Winds	Thursday March 12 th 1806.
1	8	0	N 1/2 S	E S E.	First part light winds & pleasant.
2	8	0			
3	8	0			
4	8	0			
5	8	0	East	East	
6	8	0			
7	8	0			
8	8	0			
9	8	0	N E	N E	Middle part squally, took in light sail.
10	8	0			
11	8	0			
12	8	0			
1	8	0	North	North	Later part fresh gales with a heavy head sea.
2	8	0			
3	8	0			
4	8	0			
5	8	0	East	East	
6	8	0			
7	8	0			
8	8	0			
9	8	0	N E	N E	Later part fresh gales with a heavy head sea.
10	8	0			
11	8	0			
12	8	0			

Course ————— S 41^o 16'
 Distance ————— 137 Miles.
 Difference Latitude ——— 45 "
 Departure ————— 130 "
 Difference Longitude ——— 139 "
 Latitude by account ——— 21^o 24' South.
 Latitude by observation — 21^o 42' "
 Longitude by account ——— 292^o 22' West.

Towards Philadelphia.

H	R	F	Courses	Winds	Friday March 12. 1806.
1	0		N/2 S.	North.	
2	0				
3	3		S S W.	variable.	Fresh gale succeeded by squall.
4	2				
5	3		SW.		with Rain.
6	1	4			
7	1	4			
8	3		N/2 S.		
9	2		S W.		
10	3				
11	3	4	N S W.	N. W.	Close reefed: the Topsails & Main Mast.
12	3	4			
1	2				Mainsail.
2	2				
3	3				
4	3				
5	2				
6	1				
7	1				
8					
9					
10					
11					
12					

Course ~ ~ ~ ~ ~ S by E.
 Distance ~ ~ ~ ~ ~ 52 Miles
 Difference Latitude ~ ~ ~ 35 "
 Departure ~ ~ ~ ~ ~ 41 "
 Difference Longitude ~ ~ ~ 44 "
 Latitude by account ~ ~ ~ 22 " 14 South.
 Latitude by observation ~ ~ ~ 22 " 13 "
 Longitude by account ~ ~ ~ 293 " 0 West.

Ship Eugenia from Canton

No	H	T	Courses	Winds	Time
1					Saturday March 13 " 1806.
2					
3					Calm & pleasant.
4					
5					
6					
7					
8					
9	1		West	East	
10	1				
11	2				
12	3				
13	2				
14	3				
15	3				
16	3				
17	3				
18	3				
19	3				
20	3				
21	3				
22	3				
23	3				
24	3				
25	3				
26	3				
27	3				
28	3				
29	3				
30	3				
31	3				
32	3				
33	3				
34	3				
35	3				
36	3				
37	3				
38	3				
39	3				
40	3				
41	3				
42	3				
43	3				
44	3				
45	3				
46	3				
47	3				
48	3				
49	3				
50	3				
51	3				
52	3				
53	3				
54	3				
55	3				
56	3				
57	3				
58	3				
59	3				
60	3				
61	3				
62	3				
63	3				
64	3				
65	3				
66	3				
67	3				
68	3				
69	3				
70	3				
71	3				
72	3				
73	3				
74	3				
75	3				
76	3				
77	3				
78	3				
79	3				
80	3				
81	3				
82	3				
83	3				
84	3				
85	3				
86	3				
87	3				
88	3				
89	3				
90	3				
91	3				
92	3				
93	3				
94	3				
95	3				
96	3				
97	3				
98	3				
99	3				
100	3				

Course - - - - - S by W
Distance - - - - - 46 Miles.
Difference Latitude - - - 10 "
Difference Longitude - - - 45 "
Difference Longitude - - - 49 "
Latitude by account - - - 22° 21' South.
Latitude by observation - - 22° 25' "
Longitude by account - - - 293° 55' West.

Towards Philadelphia.

H	K	P	Courses	Winds	
1	3		West	SE	Sunday March 10 th 1807.
2	3				Light Windy & pleasant weather.
3	3				
4	3				
5	2				
6	3				
7	1				
8	3			variable	Squally with fine Rain.
9	3				
10	4				
11	4				
12	4			East	
1	4				
2	4				
3	4				Middle & latter part moderate
4	5				gales & pleasant.
5	4				
6	4				
7	5				
8	5				
9	3				
10	5				Variation of the compass 8° North.
11	4				
12	4				

Courses ————— 180° W.
 Distance ————— 90 Miles.
 Difference Latitude ——— 15 "
 Departure ————— 84 "
 Difference Longitude ——— 96 "
 Latitude by account ——— 22° 38' South.
 Latitude by observation — 22° 41' "
 Longitude by account ——— 295° 3' West.

Ship Encenia from Carlton

		Courses	Winds	Monday March 17 th 1806.
1	1	West	East	Serene weather & moderate breezes.
2	2			
3	3			
4	4		E S E.	
5	5			
6	6			
7	7			
8	8			
9	9			
10	10			
11	11			
12	12			
1	1			Variation 10° Westerly.
2	2			
3	3			
4	4			
5	5			
6	6			
7	7			
8	8			
9	9			
10	10			
11	11			
12	12			

Course ——— S by W
 Distance ——— 114 miles.
 Difference Latitude ——— 25 "
 Difference Longitude ——— 111 "
 Difference Longitude ——— 121 "
 Latitude by account ——— 23 " 1 South.
 Latitude by observation ——— 23 " 6 "
 Longitude by account ——— 29 1/2 " 32 West.

Ship Eugenia from Canton

2820

1

10

14

Thomas Philadelphia. —

16	2	3	4	5	6
1	5		1000	1000	1000
2	0				
3	0				
4	0				
5	0				
6	0				
7	0				
8	0				
9	0				
10	0				
11	0				
12	0				
13	0				
14	0				
15	0				
16	0				
17	0				
18	0				
19	0				
20	0				
21	0				
22	0				
23	0				
24	0				
25	0				
26	0				
27	0				
28	0				
29	0				
30	0				
31	0				
32	0				
33	0				
34	0				
35	0				
36	0				
37	0				
38	0				
39	0				
40	0				
41	0				
42	0				
43	0				
44	0				
45	0				
46	0				
47	0				
48	0				
49	0				
50	0				
51	0				
52	0				
53	0				
54	0				
55	0				
56	0				
57	0				
58	0				
59	0				
60	0				
61	0				
62	0				
63	0				
64	0				
65	0				
66	0				
67	0				
68	0				
69	0				
70	0				
71	0				
72	0				
73	0				
74	0				
75	0				
76	0				
77	0				
78	0				
79	0				
80	0				
81	0				
82	0				
83	0				
84	0				
85	0				
86	0				
87	0				
88	0				
89	0				
90	0				
91	0				
92	0				
93	0				
94	0				
95	0				
96	0				

[illegible]

Ship Eugenia from Canton

Friday March 21st 1865.

Barometer 30.15
Therm. 72.0
Wind S.W.

Fine with heavy clouds
and rain.

23

Distance 10 miles.

Course - - - - - S by E.
Distance - - - - - 170 miles
Difference Latitude - - - 38
Longitude - - - - - 105
Difference Longitude - - 108
Latitude by observation - 25° 37' South.
Latitude by calculation - 25° 28'
Course by account - 309° 4 West.

towards Philadelphia. —

<i>H</i>	<i>h</i>	<i>d</i>	<i>Course</i>	<i>Wind</i>	<i>Observations</i>
1	5		West	SE	
2	3				
3	0				
4	0				
5	5	4	NE		
6	3	4			
7	0				
8	0				
9	0				
10	0				
11	0				
12	0				
13	0				
14	0				
15	0				
16	0				
17	0				
18	0				
19	0				
20	0				
21	0				
22	0				
23	0				
24	0				
25	0				
26	0				
27	0				
28	0				
29	0				
30	0				

*Distance by water 100 Miles
 Distance by land 33
 Distance by air 161
 Distance by Long's 158
 Latitude by account 38 24 South
 Latitude by observation 35 21
 Longitude by account 311 22 West*

Ship Eugenia from Canton

Height	Weight	Measure	Remarks
1	100	100	100
2	100	100	100
3	100	100	100
4	100	100	100
5	100	100	100
6	100	100	100
7	100	100	100
8	100	100	100
9	100	100	100
10	100	100	100
11	100	100	100
12	100	100	100
13	100	100	100
14	100	100	100
15	100	100	100
16	100	100	100
17	100	100	100
18	100	100	100
19	100	100	100
20	100	100	100
21	100	100	100
22	100	100	100
23	100	100	100
24	100	100	100
25	100	100	100
26	100	100	100
27	100	100	100
28	100	100	100
29	100	100	100
30	100	100	100
31	100	100	100
32	100	100	100
33	100	100	100
34	100	100	100
35	100	100	100
36	100	100	100
37	100	100	100
38	100	100	100
39	100	100	100
40	100	100	100
41	100	100	100
42	100	100	100
43	100	100	100
44	100	100	100
45	100	100	100
46	100	100	100
47	100	100	100
48	100	100	100
49	100	100	100
50	100	100	100

1	100
2	100
3	100
4	100
5	100
6	100
7	100
8	100
9	100
10	100
11	100
12	100
13	100
14	100
15	100
16	100
17	100
18	100
19	100
20	100
21	100
22	100
23	100
24	100
25	100
26	100
27	100
28	100
29	100
30	100
31	100
32	100
33	100
34	100
35	100
36	100
37	100
38	100
39	100
40	100
41	100
42	100
43	100
44	100
45	100
46	100
47	100
48	100
49	100
50	100

Comaras Philadelphia. —

No.	H.	L.	Comaras	Time	Remarks
1	7		11.30.0	10.45	At anchor at 11.30.0
2	7				At anchor at 11.30.0
3	7				At anchor at 11.30.0
4	7				At anchor at 11.30.0
5	7				At anchor at 11.30.0
6	7				At anchor at 11.30.0
7	7				At anchor at 11.30.0
8	7				At anchor at 11.30.0
9	7				At anchor at 11.30.0
10	7				At anchor at 11.30.0
11	7				At anchor at 11.30.0
12	7				At anchor at 11.30.0
13	7				At anchor at 11.30.0
14	7				At anchor at 11.30.0
15	7				At anchor at 11.30.0
16	7				At anchor at 11.30.0
17	7				At anchor at 11.30.0
18	7				At anchor at 11.30.0
19	7				At anchor at 11.30.0
20	7				At anchor at 11.30.0
21	7				At anchor at 11.30.0
22	7				At anchor at 11.30.0
23	7				At anchor at 11.30.0
24	7				At anchor at 11.30.0
25	7				At anchor at 11.30.0
26	7				At anchor at 11.30.0
27	7				At anchor at 11.30.0
28	7				At anchor at 11.30.0
29	7				At anchor at 11.30.0
30	7				At anchor at 11.30.0
31	7				At anchor at 11.30.0
32	7				At anchor at 11.30.0
33	7				At anchor at 11.30.0
34	7				At anchor at 11.30.0
35	7				At anchor at 11.30.0
36	7				At anchor at 11.30.0
37	7				At anchor at 11.30.0
38	7				At anchor at 11.30.0
39	7				At anchor at 11.30.0
40	7				At anchor at 11.30.0
41	7				At anchor at 11.30.0
42	7				At anchor at 11.30.0
43	7				At anchor at 11.30.0
44	7				At anchor at 11.30.0
45	7				At anchor at 11.30.0
46	7				At anchor at 11.30.0
47	7				At anchor at 11.30.0
48	7				At anchor at 11.30.0
49	7				At anchor at 11.30.0
50	7				At anchor at 11.30.0
51	7				At anchor at 11.30.0
52	7				At anchor at 11.30.0
53	7				At anchor at 11.30.0
54	7				At anchor at 11.30.0
55	7				At anchor at 11.30.0
56	7				At anchor at 11.30.0
57	7				At anchor at 11.30.0
58	7				At anchor at 11.30.0
59	7				At anchor at 11.30.0
60	7				At anchor at 11.30.0
61	7				At anchor at 11.30.0
62	7				At anchor at 11.30.0
63	7				At anchor at 11.30.0
64	7				At anchor at 11.30.0
65	7				At anchor at 11.30.0
66	7				At anchor at 11.30.0
67	7				At anchor at 11.30.0
68	7				At anchor at 11.30.0
69	7				At anchor at 11.30.0
70	7				At anchor at 11.30.0
71	7				At anchor at 11.30.0
72	7				At anchor at 11.30.0
73	7				At anchor at 11.30.0
74	7				At anchor at 11.30.0
75	7				At anchor at 11.30.0
76	7				At anchor at 11.30.0
77	7				At anchor at 11.30.0
78	7				At anchor at 11.30.0
79	7				At anchor at 11.30.0
80	7				At anchor at 11.30.0
81	7				At anchor at 11.30.0
82	7				At anchor at 11.30.0
83	7				At anchor at 11.30.0
84	7				At anchor at 11.30.0
85	7				At anchor at 11.30.0
86	7				At anchor at 11.30.0
87	7				At anchor at 11.30.0
88	7				At anchor at 11.30.0
89	7				At anchor at 11.30.0
90	7				At anchor at 11.30.0
91	7				At anchor at 11.30.0
92	7				At anchor at 11.30.0
93	7				At anchor at 11.30.0
94	7				At anchor at 11.30.0
95	7				At anchor at 11.30.0
96	7				At anchor at 11.30.0
97	7				At anchor at 11.30.0
98	7				At anchor at 11.30.0
99	7				At anchor at 11.30.0
100	7				At anchor at 11.30.0

Course — — — — — 151 H.
 Distance — — — — — 151 Miles
 Difference Latitudes — — — 31
 Longitude — — — — — 32
 Difference Longitude — — — 141
 Latitude by account — — — 28 3 South
 Latitude by observation — — — 28 12
 Longitude by account — — — 310 50 West.

Ship Eugenia from Canton

Tuesday March 20, 1887.

Hour	Temp	Wind	Bar
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			

Went to the

Went to the

Went to the

Went to the

Went to the	37.11
Went to the	24.11
Went to the	21
Went to the	20
Went to the	18
Went to the	20, 11
Went to the	20, 33
Went to the	31.11

towards Philadelphia.

Ship Eugenia from Canton

		From	To	Days
1	2	10.30	11.00	10.30
3	4	11.00	11.30	11.00
5	6	11.30	12.00	11.30
7	8	12.00	12.30	12.00
9	10	12.30	1.00	12.30
11	12	1.00	1.30	1.00
13	14	1.30	2.00	1.30
15	16	2.00	2.30	2.00
17	18	2.30	3.00	2.30
19	20	3.00	3.30	3.00
21	22	3.30	4.00	3.30
23	24	4.00	4.30	4.00
25	26	4.30	5.00	4.30
27	28	5.00	5.30	5.00
29	30	5.30	6.00	5.30
31	32	6.00	6.30	6.00
33	34	6.30	7.00	6.30
35	36	7.00	7.30	7.00
37	38	7.30	8.00	7.30
39	40	8.00	8.30	8.00
41	42	8.30	9.00	8.30
43	44	9.00	9.30	9.00
45	46	9.30	10.00	9.30
47	48	10.00	10.30	10.00
49	50	10.30	11.00	10.30
51	52	11.00	11.30	11.00
53	54	11.30	12.00	11.30
55	56	12.00	12.30	12.00
57	58	12.30	1.00	12.30
59	60	1.00	1.30	1.00
61	62	1.30	2.00	1.30
63	64	2.00	2.30	2.00
65	66	2.30	3.00	2.30
67	68	3.00	3.30	3.00
69	70	3.30	4.00	3.30
71	72	4.00	4.30	4.00
73	74	4.30	5.00	4.30
75	76	5.00	5.30	5.00
77	78	5.30	6.00	5.30
79	80	6.00	6.30	6.00
81	82	6.30	7.00	6.30
83	84	7.00	7.30	7.00
85	86	7.30	8.00	7.30
87	88	8.00	8.30	8.00
89	90	8.30	9.00	8.30
91	92	9.00	9.30	9.00
93	94	9.30	10.00	9.30
95	96	10.00	10.30	10.00
97	98	10.30	11.00	10.30
99	100	11.00	11.30	11.00
101	102	11.30	12.00	11.30
103	104	12.00	12.30	12.00
105	106	12.30	1.00	12.30
107	108	1.00	1.30	1.00
109	110	1.30	2.00	1.30
111	112	2.00	2.30	2.00
113	114	2.30	3.00	2.30
115	116	3.00	3.30	3.00
117	118	3.30	4.00	3.30
119	120	4.00	4.30	4.00
121	122	4.30	5.00	4.30
123	124	5.00	5.30	5.00
125	126	5.30	6.00	5.30
127	128	6.00	6.30	6.00
129	130	6.30	7.00	6.30
131	132	7.00	7.30	7.00
133	134	7.30	8.00	7.30
135	136	8.00	8.30	8.00
137	138	8.30	9.00	8.30
139	140	9.00	9.30	9.00
141	142	9.30	10.00	9.30
143	144	10.00	10.30	10.00
145	146	10.30	11.00	10.30
147	148	11.00	11.30	11.00
149	150	11.30	12.00	11.30
151	152	12.00	12.30	12.00
153	154	12.30	1.00	12.30
155	156	1.00	1.30	1.00
157	158	1.30	2.00	1.30
159	160	2.00	2.30	2.00
161	162	2.30	3.00	2.30
163	164	3.00	3.30	3.00
165	166	3.30	4.00	3.30
167	168	4.00	4.30	4.00
169	170	4.30	5.00	4.30
171	172	5.00	5.30	5.00
173	174	5.30	6.00	5.30
175	176	6.00	6.30	6.00
177	178	6.30	7.00	6.30
179	180	7.00	7.30	7.00
181	182	7.30	8.00	7.30
183	184	8.00	8.30	8.00
185	186	8.30	9.00	8.30
187	188	9.00	9.30	9.00
189	190	9.30	10.00	9.30
191	192	10.00	10.30	10.00
193	194	10.30	11.00	10.30
195	196	11.00	11.30	11.00
197	198	11.30	12.00	11.30
199	200	12.00	12.30	12.00

Light & Heavy & Pleasant Weather

Continued from page 1

2 p.m. Heavy

Light & Heavy, very much

light & heavy

Light & Heavy, very much

SSW

10.30

10.30

10.30

10.30

10.30

10.30

10.30

towards Philadelphia. —

H	h	E	Course	Time	Wind	Sea	Remarks
1	2		N 40 E	10	SE		
2	4		SE				at 20.00 miles from shore
3	5						
4	5						
5	5						
6	5						
7	6						
8	6						
9	7						
10	8						
11	10						at 20.00 miles from shore
12	10						
1	1						
2	1						
3	1						
4	1						
5	1						
6	1						
7	1						
8	1						
9	1						
10	1						
11	1						
12	1						

Course — N 40 E
 Distance — 130 miles
 Difference Latitude — 15°
 Difference Longitude — 14°
 Difference Longitude — 14°
 Latitude by account — 29° 51' N
 Latitude by observation — 29° 45' N
 Longitude by account — 72° 30' W

Ship Eugenia from Canton

No.	1	2	Course	Wind	Remarks
1	0		W by N	East	
2	8				
3	0				Heavy rain with rain & a heavy
4	0				
5	7				Sea. —
6				Calms	
7					
8					
9	1		W by N	W by N	At 12 min. close up the topsails,
10	1				sent down top gallant & yards
11	1				& struck top gallant mast. —
12	1				
13	1				
14	2				W side & latter part light breezes
15	3		W by N	W by N	succeeded by squally with rain. —
16	3				
17	3		W	W by N	
18	3				Variation of the compass
19	3				25 N. by E. —
20	3				

Course ————— 152 W.
 Distance ————— 54 miles.
 Difference Latitude ————— 41 "
 Difference Longitude ————— 53 "
 Difference Longitude ————— 51 "
 Latitude by account ————— 30° 24' South.
 Latitude by observation ————— 30° 25' "
 Longitude by account ————— 321° 51' West.

Leonards Philadelphia.

St	n	F	Courses	Winds	L	m.	
							Sunday March 30 th 1805.
1	1		SW	W N W			
2	4		W by N	W by N			Moderate gales & clear weather.
3	3						
4	3						
5	3						Set 2 ^d Top of 1 st Mast by main.
6	3						
7	3		W by N	W by S			Set 2 ^d Sail occasionally.
8	3						
9	3	12					
10	3	12					
11	3	12					
12	3						Westerly part 2 ^d Mast by main.
1	2		W N	W N W	3		
2	2						Close up the main mast after
3	2						
4	2	14					
5	2	14	W N by W	W by N	2		the main Top of 1 st Mast by main.
6	2	14					
7	3						Moderate gales & clear weather.
8	3						
9	3						
10	3						Westerly part 2 ^d Mast by main.
11	3						
12	3						Westerly part 2 ^d Mast by main.

Course ————— N. 50° W.
 Distance ————— 54 miles
 Difference Latitude ——— 32
 Departure ————— 55
 Difference Longitude ——— 54
 Latitude by account ——— 29° 41' South
 Latitude by observation ——— 29° 54'
 Longitude by account ——— 322° 55' West.

Ship Eugenia from Canton

Islands Philippines.

H.	n.	S.	Times	Times	Tuesday April 1 st 1889.
1	2		11.15	11.15	light winds & fine clear weather.
2	2				
3	2				
4	3	4			
5	1	4			
6	1				Location of the landing 20° West.
7	1				
8	1				
9	1				
10	1				
11	1				
12	1				
1	1				
2	1				
3	1				
4	1				
5	2		11.11	11.11	
6	3				
7	2				
8	1				
9	2				
10	3		11.11	11.11	
11	5				
12	5				

Course - - - - - 80° West
 Distance - - - - - 34 miles
 Difference Latitude - - - 3
 Difference Longitude - - - 23
 Latitude by account - - - 30.25 North
 Latitude by observation - - 30.20
 Longitude by account - - - 125 West

Ship Eugenia from Lunenburg

No.	Lat.	Long.	Course	Wind	Remarks
1	44	65	N. by E.	S.W.	Head wind - Force 2
2	44	65			
3	44	65			Drizzle - all day - sea glass
4	44	65			sea - calm
5	44	65			
6	44	65	West	S.W.	
7	44	65			
8	44	65	West		
9	44	65			Revolutions of the compass
10	44	65			25 knots
11	44	65			
12	44	65	West	S.W.	
13	44	65			
14	44	65			Longitude by chronometer
15	44	65			33. 16 East
16	44	65			
17	44	65			
18	44	65			
19	44	65			
20	44	65			
21	44	65			
22	44	65			
23	44	65			
24	44	65			
25	44	65			
26	44	65			
27	44	65			
28	44	65			
29	44	65			
30	44	65			
31	44	65			
32	44	65			
33	44	65			
34	44	65			
35	44	65			
36	44	65			
37	44	65			
38	44	65			
39	44	65			
40	44	65			
41	44	65			
42	44	65			
43	44	65			
44	44	65			
45	44	65			
46	44	65			
47	44	65			
48	44	65			
49	44	65			
50	44	65			
51	44	65			
52	44	65			
53	44	65			
54	44	65			
55	44	65			
56	44	65			
57	44	65			
58	44	65			
59	44	65			
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61	44	65			
62	44	65			
63	44	65			
64	44	65			
65	44	65			
66	44	65			
67	44	65			
68	44	65			
69	44	65			
70	44	65			
71	44	65			
72	44	65			
73	44	65			
74	44	65			
75	44	65			
76	44	65			
77	44	65			
78	44	65			
79	44	65			
80	44	65			
81	44	65			
82	44	65			
83	44	65			
84	44	65			
85	44	65			
86	44	65			
87	44	65			
88	44	65			
89	44	65			
90	44	65			
91	44	65			
92	44	65			
93	44	65			
94	44	65			
95	44	65			
96	44	65			
97	44	65			
98	44	65			
99	44	65			
100	44	65			

Course - S 54 W.
 Distance - 103 miles.
 Difference of longitude - 45
 Difference of latitude - 93
 Longitude by chronometer - 107
 Longitude by account - 31. 19. South
 Longitude by observation - 31. 11
 Longitude by account - 32. 5. 47 West
 Longitude by observation - 32. 6. 22
 Difference of longitude - 1. 1
 Difference of latitude - 32. 5. 47
 Difference of longitude - 1. 1
 Difference of latitude - 32. 5. 47

Comas Philadelphia.

St.	R.	P.	Course	Time	Thursday April 3 rd 1885
1	5		SW by W.	B & C.	
2	5	4			Line on shore poles of lighthouse
3	5				
4	5				
5	7	5			Transition of the compass
6	7	5			Stamphill 25. 30 miles
7	8				
8	8				
9	8	4			Compass 25. 30 miles
10	8	4			
11	8				
12	8				
1	7	4			Line of shore
2	7	22			
3	7	4			The ship is 1/2 way of the shore
4	7	4			and the lighthouse is 1/2 way of the
5	7	4			shore to the
6	7				
7	7				
8	7				
9	7		W. S. W.	4. 10. 0.	Longitude 32. 0. 0. of the
10	7				is obtained by taking the
11	7				from the Star Point
12	7				

Course	33. 30
Distance	170 miles
Difference Latitude	1. 27
Departure	0. 4
Difference Longitude	1. 12
Latitude by account	33. 23 South
Latitude by observation	33. 21
Longitude by account	32. 34 West
Longitude by observation	32. 0. 24
	1. 18
	330 2

Ship Eugenia from Canton

Hour		Courses	Winds	Friday April 4, 1885
1	2	N. by E.	N. by E.	The first 4 hours, very light
3	4			Winds & foggy weather; -
5	6			and freshening & clear. -
7	8	W. by N.		Winds freshening
9	10			to be steady.
11	12			
13	14			
15	16			
17	18			
19	20			
21	22			
23	24			
25	26			
27	28			
29	30			
31	32			
33	34			
35	36			
37	38			
39	40			
41	42			
43	44			
45	46			
47	48			
49	50			
51	52			
53	54			
55	56			
57	58			
59	60			
61	62			
63	64			
65	66			
67	68			
69	70			
71	72			
73	74			
75	76			
77	78			
79	80			
81	82			
83	84			
85	86			
87	88			
89	90			
91	92			
93	94			
95	96			
97	98			
99	100			

Latitude	14° 15'
Longitude	105° 15'
Barometer	30.0
Thermometer	75
Direction of Wind	W. by N.
Force of Wind	27
Direction of Current	34° 25' North
Force of Current	34.50
Direction of Drift	330. 45 West

Comard Philadelphia.

No	h	f	Course	Distance	Time	Remarks
1	4		S by S	2 by 10		
2	4					
3	3		S S W	10 12		Long, low & dark, with a
4	2					
5	2		S S W			lands from the Network.
6	2					
7	2	2				
8	2	-	S by E	11 3	9	at 2 m. from light house
9	2					
10	2					under water in the bay.
11	2	2				
12	2	2				
13	2	4	S S W	S W	8	Middle of bay, many small
14	2	4				islands to be seen - from bay
15	2	4				
16	2					of the
17	2					
18	2					
19	2					
20	2					
21	2					
22	2					
23	2					
24	2					
25	2					
26	2					
27	2					
28	2					
29	2					
30	2					
31	2					
32	2					
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40	2					
41	2					
42	2					
43	2					
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87	2					
88	2					
89	2					
90	2					
91	2					
92	2					
93	2					
94	2					
95	2					
96	2					
97	2					
98	2					
99	2					
100	2					

Course = *West*
 Distance = *34 m*
 Difference Latitude = *0*
 Departure = *34*
 Difference Longitude = *41*
 Latitude by account = *34 20 N*
 Latitude by observation = *34 30*
 Longitude by account = *331 30 West*

Ship Eugenia from Canton

Lat	Long	Course	Wind	Day	Remarks
1	107 30	N 41 E	SE 4	1	July 1st 1850
2	107 40			2	At 10 AM a light breeze from the N.
3	107 50			3	
4	108 00			4	
5	108 10			5	
6	108 20			6	
7	108 30			7	
8	108 40			8	
9	108 50			9	
10	109 00			10	
11	109 10			11	
12	109 20			12	
13	109 30			13	
14	109 40			14	
15	109 50			15	
16	110 00			16	
17	110 10			17	
18	110 20			18	
19	110 30			19	
20	110 40			20	
21	110 50			21	
22	111 00			22	
23	111 10			23	
24	111 20			24	
25	111 30			25	
26	111 40			26	
27	111 50			27	
28	112 00			28	
29	112 10			29	
30	112 20			30	
31	112 30			31	
32	112 40			32	
33	112 50			33	
34	113 00			34	
35	113 10			35	
36	113 20			36	
37	113 30			37	
38	113 40			38	
39	113 50			39	
40	114 00			40	
41	114 10			41	
42	114 20			42	
43	114 30			43	
44	114 40			44	
45	114 50			45	
46	115 00			46	
47	115 10			47	
48	115 20			48	
49	115 30			49	
50	115 40			50	
51	115 50			51	
52	116 00			52	
53	116 10			53	
54	116 20			54	
55	116 30			55	
56	116 40			56	
57	116 50			57	
58	117 00			58	
59	117 10			59	
60	117 20			60	
61	117 30			61	
62	117 40			62	
63	117 50			63	
64	118 00			64	
65	118 10			65	
66	118 20			66	
67	118 30			67	
68	118 40			68	
69	118 50			69	
70	119 00			70	
71	119 10			71	
72	119 20			72	
73	119 30			73	
74	119 40			74	
75	119 50			75	
76	120 00			76	
77	120 10			77	
78	120 20			78	
79	120 30			79	
80	120 40			80	
81	120 50			81	
82	121 00			82	
83	121 10			83	
84	121 20			84	
85	121 30			85	
86	121 40			86	
87	121 50			87	
88	122 00			88	
89	122 10			89	
90	122 20			90	
91	122 30			91	
92	122 40			92	
93	122 50			93	
94	123 00			94	
95	123 10			95	
96	123 20			96	
97	123 30			97	
98	123 40			98	
99	123 50			99	
100	124 00			100	

Course	SE 4
Distance	12 miles.
Difference in Latitude	2 1/2
Difference in Longitude	1 1/2
Difference in Time	33 " 12 South.
Difference in Direction	33 " 14 "
Course	338 1/2 West.

towards Philadelphia. —

N	N	S	Course	Time		Monday April 7 th 1804.
1	1	2	at 8 AM	West		
2	1	4	at 10 AM	by N.	5	Commences with strong gale
3	1	2				
4	1	2				
5	1	2	at 12 PM		3	very heavy sea.
6	1	2	at 1 PM			
7	1	2				The ship being so much in danger
8	1	2				
9	1	2	at 4 PM	W. 1/2 N.	4	Major Lloyd at
10	1	2				
11	1	2				at 1 PM. Sea. heavy & gale
12	1	2				& sea is very dangerous
1	2	2				
2	2	2				
3	2	2	at 1 PM	W. 1/2 N.	2	Midnight & latter part of night
4	2	2				
5	2	2	at 1 PM	West	2	set the sails on
6	2	2				
7	2	2				
8	2	2				at 1 PM. Sea. heavy & gale
9	2	2				
10	2	2				at 1 PM. Sea. heavy & gale
11	2	2	at 1 PM	W. 1/2 N.		at 1 PM. Sea. heavy & gale
12	2	2				The sea was very rough & dangerous

Course ————— S by E
 Distance ————— 26 Miles
 Difference Latitude ——— 26
 Difference Longitude ——— 4
 Latitude by observation — 36° 20'
 Latitude by account ——— 36° 20'
 Longitude by account ——— 33° 30' West

Ship Eugenie from Canton

Hour	Lat	Long	Course	Wind	Notes
11	23	118	SE	N E	Tuesday April 8 1865.
12	23	118	SE	N E	Monstrous gales & heavy weather.
13	23	118	SE	N E	
14	23	118	SE	N E	
15	23	118	SE	N E	
16	23	118	SE	N E	
17	23	118	SE	N E	
18	23	118	SE	N E	
19	23	118	SE	N E	
20	23	118	SE	N E	
21	23	118	SE	N E	
22	23	118	SE	N E	
23	23	118	SE	N E	
24	23	118	SE	N E	
25	23	118	SE	N E	
26	23	118	SE	N E	
27	23	118	SE	N E	
28	23	118	SE	N E	
29	23	118	SE	N E	
30	23	118	SE	N E	
31	23	118	SE	N E	
32	23	118	SE	N E	
33	23	118	SE	N E	
34	23	118	SE	N E	
35	23	118	SE	N E	
36	23	118	SE	N E	
37	23	118	SE	N E	
38	23	118	SE	N E	
39	23	118	SE	N E	
40	23	118	SE	N E	
41	23	118	SE	N E	
42	23	118	SE	N E	
43	23	118	SE	N E	
44	23	118	SE	N E	
45	23	118	SE	N E	
46	23	118	SE	N E	
47	23	118	SE	N E	
48	23	118	SE	N E	
49	23	118	SE	N E	
50	23	118	SE	N E	
51	23	118	SE	N E	
52	23	118	SE	N E	
53	23	118	SE	N E	
54	23	118	SE	N E	
55	23	118	SE	N E	
56	23	118	SE	N E	
57	23	118	SE	N E	
58	23	118	SE	N E	
59	23	118	SE	N E	
60	23	118	SE	N E	

Longitude 118 33 1/2
 Latitude 23 30
 Difference Longitude 5 1/2
 Difference Latitude 80
 Difference Longitude 100
 Difference Latitude 30, 32, 34
 Difference Longitude 34, 36
 Difference Latitude 335, 30, 31

Towards Philadelphia.

h	h	T	Course	Wind	h	Remarks
1	1	2	W. by N.	W. S. W.	1	W. by N. 11 miles.
2	1	2	W. by N.		2	
3	1	2	W. by N.		3	A continuation of the fishing.
4	1	2	W. by N.		4	
5	1	2	W. by N.	W. S. W.	5	The ship lying at anchor in the bay.
6	1	2	W. by N.		6	
7	2	2	W. by N.		7	Ship leaving, very much.
8	2	2	W. by N.		8	
9	3	2	W. by N.		9	
10	2	2	W. by N.		10	
11	2	2	W. by N.		11	
12	2	2	W. by N.		12	
13	3	2	W. by N.		13	
14	3	2	W. by N.		14	
15	3	2	W. by N.		15	
16	3	2	W. by N.		16	
17	3	2	W. by N.		17	
18	3	2	W. by N.		18	
19	3	2	W. by N.		19	
20	3	2	W. by N.		20	
21	3	2	W. by N.		21	
22	3	2	W. by N.		22	
23	3	2	W. by N.		23	
24	3	2	W. by N.		24	
25	3	2	W. by N.		25	
26	3	2	W. by N.		26	
27	3	2	W. by N.		27	
28	3	2	W. by N.		28	
29	3	2	W. by N.		29	
30	3	2	W. by N.		30	
31	3	2	W. by N.		31	
32	3	2	W. by N.		32	
33	3	2	W. by N.		33	
34	3	2	W. by N.		34	
35	3	2	W. by N.		35	
36	3	2	W. by N.		36	
37	3	2	W. by N.		37	
38	3	2	W. by N.		38	
39	3	2	W. by N.		39	
40	3	2	W. by N.		40	
41	3	2	W. by N.		41	
42	3	2	W. by N.		42	
43	3	2	W. by N.		43	
44	3	2	W. by N.		44	
45	3	2	W. by N.		45	
46	3	2	W. by N.		46	
47	3	2	W. by N.		47	
48	3	2	W. by N.		48	
49	3	2	W. by N.		49	
50	3	2	W. by N.		50	
51	3	2	W. by N.		51	
52	3	2	W. by N.		52	
53	3	2	W. by N.		53	
54	3	2	W. by N.		54	
55	3	2	W. by N.		55	
56	3	2	W. by N.		56	
57	3	2	W. by N.		57	
58	3	2	W. by N.		58	
59	3	2	W. by N.		59	
60	3	2	W. by N.		60	

Course	W. by N.
Distance	55 miles
Difference Latitude	52
Difference Longitude	15
Latitude by account	35.55 South
Latitude by observation	36.11
Longitude by account	335.15 West
Longitude by observation	341.20 West
	3
	341.20 West

Ship Eugenia from Canton

H	h	S	Courses	Winds	L	Thursday April 10 1855.
1	1		North	W N W	1	Moderate gales & clear weather.
2	2					
3	3					
4	4					
5	5					
6	6					
7	7					
8	8					
9	9					
10	10					
11	11					
12	12					
13	13					
14	14					
15	15					
16	16					
17	17					
18	18					
19	19					
20	20					
21	21					
22	22					
23	23					
24	24					
25	25					
26	26					
27	27					
28	28					
29	29					
30	30					
31	31					
32	32					
33	33					
34	34					
35	35					
36	36					
37	37					
38	38					
39	39					
40	40					
41	41					
42	42					
43	43					
44	44					
45	45					
46	46					
47	47					
48	48					
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67	67					
68	68					
69	69					
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72	72					
73	73					
74	74					
75	75					
76	76					
77	77					
78	78					
79	79					
80	80					
81	81					
82	82					
83	83					
84	84					
85	85					
86	86					
87	87					
88	88					
89	89					
90	90					
91	91					
92	92					
93	93					
94	94					
95	95					
96	96					
97	97					
98	98					
99	99					
100	100					

Latitude $11^{\circ} 18' N$
 Longitude $105^{\circ} 12' W$
 Difference Latitude 33
 Difference Longitude 17
 Difference Longitude 21
 Latitude by account $33. 31$ South
 Longitude by observation $105. 37$
 Longitude by account $105. 42$ West
 Longitude by observation $105. 33$ "

Direction of the wind 25 Wholly

Comard Philadelphia.

H	K	F	Course	Wind	Time	Notes
1	1		South	Variable		
2	1					First part light breeze, 2, 3
3	1					Second part light breeze, 2, 3
4	1					Third part light breeze, 2, 3
5	1					Fourth part light breeze, 2, 3
6	3		N. by E	Not		
7	3					Continuation of the same breeze, 2, 3
8	3					25 March.
9	2					
10	2					
11	4		Not	Not		
12	4		Not	Not		
13	5		Not	Not		
14	5					At 2 AM the breeze was light
15	3					
16	4		N. by E			
17	4					
18	4					
19	4					
20	4					
21	2					
22	2					

Course N 35 E
 Distance 27 miles
 Difference Latitude 22 "
 Difference Longitude 15 "
 Difference Longitude 19 "
 Latitude by account 35° 4' South
 Latitude by observation 35° 15 "
 Longitude by account 341° 52 West

Ship Eugenia from Canton

H	n	Course	Hours	to	Thursday, June 12 th 1800
1	0	100 N	2 Hrs	2	
2	0				fresh gales & rain. —
3	0	110 N	1 H		
4	0				11 th 1 am. an American Brig sighted.
5	0	110 N	1 H		
6	0	110 N	1 H		
7	0	110 N	1 H		
8	0	110 N	1 H		
9	0	110 N	1 H		
10	0	110 N	1 H		
11	0	110 N	1 H		
12	0	110 N	1 H		
13	0	110 N	1 H		
14	0	110 N	1 H		
15	0	110 N	1 H		
16	0	110 N	1 H		
17	0	110 N	1 H		
18	0	110 N	1 H		
19	0	110 N	1 H		
20	0	110 N	1 H		
21	0	110 N	1 H		
22	0	110 N	1 H		
23	0	110 N	1 H		
24	0	110 N	1 H		
25	0	110 N	1 H		
26	0	110 N	1 H		
27	0	110 N	1 H		
28	0	110 N	1 H		
29	0	110 N	1 H		
30	0	110 N	1 H		
31	0	110 N	1 H		
32	0	110 N	1 H		
33	0	110 N	1 H		
34	0	110 N	1 H		
35	0	110 N	1 H		
36	0	110 N	1 H		
37	0	110 N	1 H		
38	0	110 N	1 H		
39	0	110 N	1 H		
40	0	110 N	1 H		
41	0	110 N	1 H		
42	0	110 N	1 H		
43	0	110 N	1 H		
44	0	110 N	1 H		
45	0	110 N	1 H		
46	0	110 N	1 H		
47	0	110 N	1 H		
48	0	110 N	1 H		
49	0	110 N	1 H		
50	0	110 N	1 H		
51	0	110 N	1 H		
52	0	110 N	1 H		
53	0	110 N	1 H		
54	0	110 N	1 H		
55	0	110 N	1 H		
56	0	110 N	1 H		
57	0	110 N	1 H		
58	0	110 N	1 H		
59	0	110 N	1 H		
60	0	110 N	1 H		
61	0	110 N	1 H		
62	0	110 N	1 H		
63	0	110 N	1 H		
64	0	110 N	1 H		
65	0	110 N	1 H		
66	0	110 N	1 H		
67	0	110 N	1 H		
68	0	110 N	1 H		
69	0	110 N	1 H		
70	0	110 N	1 H		
71	0	110 N	1 H		
72	0	110 N	1 H		
73	0	110 N	1 H		
74	0	110 N	1 H		
75	0	110 N	1 H		
76	0	110 N	1 H		
77	0	110 N	1 H		
78	0	110 N	1 H		
79	0	110 N	1 H		
80	0	110 N	1 H		
81	0	110 N	1 H		
82	0	110 N	1 H		
83	0	110 N	1 H		
84	0	110 N	1 H		
85	0	110 N	1 H		
86	0	110 N	1 H		
87	0	110 N	1 H		
88	0	110 N	1 H		
89	0	110 N	1 H		
90	0	110 N	1 H		
91	0	110 N	1 H		
92	0	110 N	1 H		
93	0	110 N	1 H		
94	0	110 N	1 H		
95	0	110 N	1 H		
96	0	110 N	1 H		
97	0	110 N	1 H		
98	0	110 N	1 H		
99	0	110 N	1 H		
100	0	110 N	1 H		

Course — N 50° W.
 Distance — 53 miles.
 Difference Latitude — 33
 Difference Longitude — 33
 Difference Longitude — 55
 Latitude by observation — 34° 53' N.
 Longitude by observation — 32° 42'
 Longitude by — 342° 57' 44"

Leonard Philadelphia. —

Leptocarpus *strobilatus* — 32, 30. 10. 11.

Parish on 2^d St. Westby. —

Ship Eugenia from Canton

St	Dr	Courses	Wind	Standing Yard No. 1000
1			115H	
2				From 4 clear weather.
3		115H	11.	
4				At 10. Tide water in the Bay.
5				
6				
7			115H	
8				Good Hope then bearing 100° C
9				at 10.00 in Latitude 32° 2'
10				South Longitude 10° 25' East.
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

Crew	2138H.
Provisions	1474H.
Supplies	14
Expenses	120
Losses	10
Remains	32 52 1/2
Estimated for 1000	32 57
Estimated for 1000	32 55 1/2

Towards Philadelphia.

St	n	Course	Wind	Tuesday April 15 th 1868.
1	4			
2	4			
3	4			
4	8			
5	4			
6	4			
7	4			
8	4			
9	4			
10	4			
11	4			
12	8			
1	8			
2	8			
3	8			
4	8			
5	8			
6	8			
7	8			
8	8			
9	8			
10	8			
11	8			
12	8			

Course ————— 12 N
 Distance ————— 170 Miles
 Difference Longitude — 12
 Difference Latitude — 18
 Difference Longitude — 12
 Difference Latitude — 18
 Difference Longitude — 12
 Difference Latitude — 18
 Difference Longitude — 12
 Difference Latitude — 18

Ship Eugenia from Canton

H	M	Secs	Minutes	Seconds
1	0		1.11	1
2	0		1.11	1
3	0		1.11	1
4	0		1.11	1
5	0		1.11	1
6	0		1.11	1
7	0		1.11	1
8	0		1.11	1
9	0		1.11	1
10	0		1.11	1
11	0		1.11	1
12	0		1.11	1
13	0		1.11	1
14	0		1.11	1
15	0		1.11	1
16	0		1.11	1
17	0		1.11	1
18	0		1.11	1
19	0		1.11	1
20	0		1.11	1
21	0		1.11	1
22	0		1.11	1
23	0		1.11	1
24	0		1.11	1
25	0		1.11	1
26	0		1.11	1
27	0		1.11	1
28	0		1.11	1
29	0		1.11	1
30	0		1.11	1
31	0		1.11	1
32	0		1.11	1
33	0		1.11	1
34	0		1.11	1
35	0		1.11	1
36	0		1.11	1
37	0		1.11	1
38	0		1.11	1
39	0		1.11	1
40	0		1.11	1
41	0		1.11	1
42	0		1.11	1
43	0		1.11	1
44	0		1.11	1
45	0		1.11	1
46	0		1.11	1
47	0		1.11	1
48	0		1.11	1
49	0		1.11	1
50	0		1.11	1
51	0		1.11	1
52	0		1.11	1
53	0		1.11	1
54	0		1.11	1
55	0		1.11	1
56	0		1.11	1
57	0		1.11	1
58	0		1.11	1
59	0		1.11	1
60	0		1.11	1

Wednesday April 15th 1800

Fine steady breeze - clear weather.

Position of the ship

17 30 North

Latitude of the ship

17 30 North

Longitude

122 30 W

Distance

120

Time

11

Latitude of the ship

28 20 North

Longitude of the ship

122 30 W

Towards Philadelphia. —

N	N	S	Courses	Miles	Remarks
1	5	4	N. 45° E.	12.5	
2	8	8			
3	8				Moderate gales & cloudy weather.
4	14				
5	8				
6	7				
7	4				
8	1	4			
9	2	5			
10	2	3			variation of the compass.
11	4				11.30 Arrived.
12	4				
13	2				
14	2				Strong wind within the harbor & heavy
15	2				weather. Stayed in harbor & did not
16	3	4			proceed to sea.
17	1				
18	1				
19	3				
20	5				
21	5				

Course — — — — — N 52 E.
 Distance — — — — — 100 Miles.
 Difference Latitude — — — — — 94
 Difference Longitude — — — — — 129
 Difference Longitude — — — — — 125
 Latitude by observation — — — — — 26 20 South
 Latitude by computation — — — — — 24 15
 Longitude by observation — — — — — 33 2 2 West.

Ship Eugene from Canton

			Courses	Winds	Time
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9
10	10	10	10	10	10
11	11	11	11	11	11
12	12	12	12	12	12
13	13	13	13	13	13
14	14	14	14	14	14
15	15	15	15	15	15
16	16	16	16	16	16
17	17	17	17	17	17
18	18	18	18	18	18
19	19	19	19	19	19
20	20	20	20	20	20
21	21	21	21	21	21
22	22	22	22	22	22
23	23	23	23	23	23
24	24	24	24	24	24
25	25	25	25	25	25
26	26	26	26	26	26
27	27	27	27	27	27
28	28	28	28	28	28
29	29	29	29	29	29
30	30	30	30	30	30

Friday April 10th 1866.

Moderate gales & very much.

Lightly with fine rain.

Lightly

Lightly with fine rain.

Lightly.

Lightly

1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9
10	10	10	10	10	10
11	11	11	11	11	11
12	12	12	12	12	12
13	13	13	13	13	13
14	14	14	14	14	14
15	15	15	15	15	15
16	16	16	16	16	16
17	17	17	17	17	17
18	18	18	18	18	18
19	19	19	19	19	19
20	20	20	20	20	20
21	21	21	21	21	21
22	22	22	22	22	22
23	23	23	23	23	23
24	24	24	24	24	24
25	25	25	25	25	25
26	26	26	26	26	26
27	27	27	27	27	27
28	28	28	28	28	28
29	29	29	29	29	29
30	30	30	30	30	30

149 1/2

140 1/2

11

100

114

25

25

353

towards Philadelphia.

L		H		Course	Miles.	Date
1	6	4	1/2 N.	S.W.		April 19 th 1865.
2	7	4	1/2 N.			
3	6	4				Moderate gales & heavy weather.
4	5	4				
5	6	5				
6	6					
7	6					
8	6					
9	6					
10	6					
11	6					
12	7			S.W.		
1	6					
2	5					
3	5					
4	5					
5	5					
6	—			S.E.		
7	—					
8	—					
9	5					
10	2					
11	2					
12	2			South.		

Moderate gales & heavy weather.

Violent S.W. gale.

S.W.

S.E.

Latent part light wind of breeze.

South.

Course ————— 151 N.
 Distance ————— 126 miles
 Difference Latitude — 70
 Difference Longitude — 103
 Latitude by account — 24-20 South
 Latitude by observation — 24-2
 Longitude by account — 35-12 West.

Ship Eugenia from Canton

		Current	Wind	Sunday April 26 th 1868
1	2	2.5 to 3.0	SE 11.	
3	4	2.5		Light variable winds, fresh breeze
5	6			
7	8			
9	10			
11	12			
13	14			
15	16			
17	18			
19	20			
21	22			
23	24			
25	26			
27	28			
29	30			
31	32			
33	34			
35	36			
37	38			
39	40			
41	42			
43	44			
45	46			
47	48			
49	50			
51	52			
53	54			
55	56			
57	58			
59	60			
61	62			
63	64			
65	66			
67	68			
69	70			
71	72			
73	74			
75	76			
77	78			
79	80			
81	82			
83	84			
85	86			
87	88			
89	90			
91	92			
93	94			
95	96			
97	98			
99	100			

Current	1.5 to 2.0
Wind	SE 11.
Temperature	28
Barometer	30.1
Direction of wind	SE
Force of wind	11
Direction of current	SE
Force of current	1.5 to 2.0
Direction of surface	SE
Force of surface	1.5 to 2.0
Direction of bottom	SE
Force of bottom	1.5 to 2.0

Towards Philadelphia. —

No.	Lat.	Long.	Courses	Winds	Monday, April 21 st 1800.
1					
2					
3	4		By N	West	Commences with calm, then
4	4				
5	5				
6	6				
7	7				
8	8				
9	9				
10	10				
11	11				
12	12				
13	13				
14	14				
15	15				
16	16				
17	17				
18	18				
19	19				
20	20				
21	21				
22	22				
23	23				
24	24				
25	25				
26	26				
27	27				
28	28				
29	29				
30	30				
31	31				
32	32				
33	33				
34	34				
35	35				
36	36				
37	37				
38	38				
39	39				
40	40				
41	41				
42	42				
43	43				
44	44				
45	45				
46	46				
47	47				
48	48				
49	49				
50	50				
51	51				
52	52				
53	53				
54	54				
55	55				
56	56				
57	57				
58	58				
59	59				
60	60				
61	61				
62	62				
63	63				
64	64				
65	65				
66	66				
67	67				
68	68				
69	69				
70	70				
71	71				
72	72				
73	73				
74	74				
75	75				
76	76				
77	77				
78	78				
79	79				
80	80				
81	81				
82	82				
83	83				
84	84				
85	85				
86	86				
87	87				
88	88				
89	89				
90	90				
91	91				
92	92				
93	93				
94	94				
95	95				
96	96				
97	97				
98	98				
99	99				
100	100				

Course	—	—	—	—	—
Distance	—	—	—	—	—
Depression Latitude	—	—	—	—	—
Depression Longitude	—	—	—	—	—
Depression by account	—	—	—	—	—
Latitude by observation	—	—	—	—	—
Longitude by account	—	—	—	—	—
Latitude by observation	—	—	—	—	—
Longitude by account	—	—	—	—	—

Ship Eugenia from Canton

H	M	F	Courses	Winds
			A W by N	SSE

Tuesday April 22nd 1800.

Pleasant weather & fine steady breezes.

Variation of the compass
15° 30' Westerly.

12. as the Ship has passed
the meridian of Canton this day.

consequently I shall continue the Longitude

300 West 300. Circumference
of the globe which must be subtracted.

The time will be corrected when the ship
reaches the meridian 19. 50 W. sailed from.

Course ——— A 60° W.

Distance ——— 174 miles

Latitude ——— 39

Longitude ——— 153

Latitude ——— 10.7

Longitude by account ——— 20. 25

Longitude by observation ——— 20. 55

Longitude by account ——— 300. 39
300. Circumference of the globe.

100. 39 West.

towards Philadelphia. —

H.	M.	S.	Courses	Miles	Wednesday April 23 rd 1866.
1	0		Atty N	443.	
2	0				Pleasant gales & fine weather.
3	0				
4	0				
5	5	4	Atty W.		
6	5	4			
7	5				Direction of the breeze
8	5	4		46 by S.	12 knots.
9	5				
10	5				
11	5				Longitude by astronomical observations
12	5				00. 39 East
1	5			Variable.	20. 20
2	5				
3	5				
4	5				
5	5	4			
6	5	4			
7	5				Distance & time by astronomical observations
8	5				Successive by astronomical observations
9	5				
10	5				
11	5				
12	5				

Course ————— 120 N.
 Distance ————— 141 Miles.
 Difference Latitude ——— 43
 Departure ————— 101.
 Difference Longitude ——— 104.
 Latitude by account ——— 19. 0 South.
 Latitude by observation ——— 19. 17
 Longitude by account ——— 2. 20 West.
 Longitude by observation ——— 0. 39 East at 1.22, 3 m.
 198
 1. 20 W. difference ———
 1. 1 W.

Comarus Philadelphia.

N.	N.	L.	Comp.	Time.	Time.	Time.
1	5		11.11	11.11	11.11	11.11
2	5					
3	5					
4	5					
5	5					
6	5					
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					
13	5					
14	5					
15	5					
16	5					
17	5					
18	5					
19	5					
20	5					
21	5					
22	5					
23	5					
24	5					
25	5					
26	5					
27	5					
28	5					
29	5					
30	5					
31	5					
32	5					
33	5					
34	5					
35	5					
36	5					
37	5					
38	5					
39	5					
40	5					
41	5					
42	5					
43	5					
44	5					
45	5					
46	5					
47	5					
48	5					
49	5					
50	5					
51	5					
52	5					
53	5					
54	5					
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56	5					
57	5					
58	5					
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62	5					
63	5					
64	5					
65	5					
66	5					
67	5					
68	5					
69	5					
70	5					
71	5					
72	5					
73	5					
74	5					
75	5					
76	5					
77	5					
78	5					
79	5					
80	5					
81	5					
82	5					
83	5					
84	5					
85	5					
86	5					
87	5					
88	5					
89	5					
90	5					
91	5					
92	5					
93	5					
94	5					
95	5					
96	5					
97	5					
98	5					
99	5					
100	5					

Course - - - - - 120 W.

Distance - - - - - 130 miles.

Difference Latitude - - - - - 10.

Difference Longitude - - - - - 10.

Latitude by account - - - - - 15, 20 South.

Latitude by observation - - - - - 15, 10.

Longitude by account - - - - - 131 W.

Arch. Euteria, at the

100.
J. 1. 2

Island of St Helena. —

1805

By the scarcity of vegetables it is evident the greater part of the few that are raised here must be consumed by the inhabitants of the Island, who appear to be much in want of the common necessities of life. — Bread & any other thing there is not one pound to be bought in the whole Island & those who have meat have neither wood nor salt to cook it. — A small quantity of fresh fruit might be purchased by paying 25 or 30 pence for it. — But Mutton & Oysters are out of the question. —

The post charges for our baggage & travelling are very moderate being only half a penny for the accomplishment of the latter this is an unusual place as the boats may be filled in the Boat by means of a horse for that purpose & in landing them is necessary that we have cranes or crabs to assist them. —

It would be impossible to say more without mentioning that the people here are honest & obliging. —

Ship Eugenia from Canton

No	2	3	Courses	Miles	Friday May 2 nd 1866.
1				40 ⁵	
2					Light Winds & cloudy weather.
3					
4					
5					At 2 ^{pm} . Heighed anchor & sailed
6					from S ^t Helena.
7					
8					
9	2	4	S.W.		
10	3				Distance from at 8 pm from
11	3				St. Helena in latitude 15° 35' S.
12	0				Longitude 5° 20' W. at bearing,
1	1				S.E. by E. 12 miles distant.
2	1				
3	1				
4	1				
5	1				
6	1				
7	1				
8	1				
9	1				
10	1				
11	1				
12	1				

Course — — — 162 W.
 Distance — — — 86 miles.
 Difference Latitude — — 40
 Difference Longitude — — 29
 Latitude by account — — 15 " S. South.
 Longitude by account — — 5 " West.

towards Philadelphia. —

No.	H.	F.	Course.	Miles.	Saturday May 3 rd 1855.
1	5	4	N W	50.	
2	5	1			Uterale gales & clear weather.
3	5	1			
4	5				
5	5				
6	5				
7	5				
8	5				
9	5	4			Entrance of the Chesapeake
10	5	4			N W gale. —
11	5				
12	5				
13	5	11			
14	5				
15	5				
16	5				
17	5				
18	5				
19	5	1			
20	5	4			
21	5				Enter port of Chesapeake Bay.
22	5				

Course	N 55 W.
Distance	125 miles.
Difference Latitude	50
Departure	32
Difference Longitude	150
Latitude by account	13 " 55 S.
Latitude by observation	14 " 10
Longitude by account	7 " 21 W.

Ship Eugenia from Canton.

Cornis Minor Sunday, Mar 4th 1860.

1. 11/11/11. —

London Philadelphia.

H		F		Miles		London May 5 1805.	
1	0	1114		36.			
2	0					Alternate gales & rain & much	
3	5						
4	5						
5	0						
6	5						
7	5						
8	5						
9	0						
10	0						
11	5						
12	5						
1	0						
2	5						
3	5						
4	5						
5	5						
6	5						
7	5						
8	5						
9	5						
10	5						
11	5						
12	5						

Course ————— 110 20
 Distance ————— 120 Miles.
 Difference Latitude — 89
 Diff ————— 110
 Difference Longitude — 112
 Latitude by ac ————— 11. 30 True.
 Latitude by observation — 11. 20
 Longitude by account — 10. 50 True.

Ship Eugenia from Canton

			Courses	Winds	Tuesday May 8 th 1866.
1	1		NW by N	SE by E	Pleasant weather & fine steady breezes.
2	2				
3	3				
4	4				
5	5				
6	6				Variation of the compass, amplitude of sun set 10 miles.
7	7				
8	8				
9	9				
10	10				
11	11				The ship is a very intelligent sailing under the most favorable circumstances, but since joining our State craft at Manila she sails uncommonly well.
12	12				
13	13				
14	14				
15	15				
16	16				
17	17				
18	18				
19	19				
20	20				

Course	150 W.
Distance	150 miles.
Difference Latitude	82 "
Difference Longitude	132 "
Difference Longitude	134 "
Latitude by account	9 " 32 South
Latitude by observation	10 " 18 "
Longitude by account	16 " 4 West.

to wards Philadelphia.

		Cause	Time	Wednesday May 7 th 1805.
1	5	N by N	S by E	Fine with a few pleasant clouds.
2	5			
3	5			
4	5			
5	5			
6	5	SE		Variation 9. 30 Westly.
7	5			
8	5			
9	5			
10	5			
11	5			
12	5			
1	5			
2	5			
3	5			
4	5			
5	2			
6	2			
7	2			
8	2			
9	5			
10	5			
11	5			
12	5			

Cause N by N
Distance 155 miles.
Difference Latitude 105
Departure 118
Difference Longitude 12
Latitude by account 8. 22 South
Latitude by observation 8. 33
Longitude by account 10. 1 West.

Ship Eugenia from Canton

H	M	F	Courses	Winds
1	5	11	W. by N	S.E.
2	5	12		
3	5			
4	5			
5	5			
6	5			
7	5			
8	5			
9	5			
10	5	5		
11	5	5		
12	5			
1	5			
2	5			
3	5			
4	5			
5	5			
6	5	2		
7	5			
8	5			
9	5			
10	5			
11	5			
12	5			

Thursday May 8th 1886.

Fine gales pleasant weather.

Variation of the compass

1st West.

Longitude & Lunar observation

18. 5 West

at 8 am.

Course - - - - - N 52 W

Distance - - - - - 154 miles.

Difference Latitude - - - 90

Difference - - - - - 124

Difference Longitude - - 125

Latitude by account - - - 5. 20 South

Longitude by account - - - 7. 3

Longitude by account - - 20. 5 West

Longitude by observation - 18. 5 at 8 am.

20 same made since

25 miles

towards Philadelphia. —

A.	H.	S.	Courses	Winds	Friday May 9 th 1805.
1	5		NW by N.	SE.	
2	5				
3	3	4			Moderate gales pleasant.
4	3				
5	3				
6	3				
7	5	4			
8	5				Formation of the Bonaparte
9	5				of the straits.
10	5				
11	5				
12	5				
13	5				At midnight the 12 th of June.
14	5				This day, on starting my sailing vessel, some
15	3				the fleet, and some of the vessels were
16	3				said to have been in the 12 th of June 1803. —
17	3				consequence of the time, from the 12 th
18	3	4			of the day, the 12 th of June 1803. —
19	3	2			of the day, the 12 th of June 1803. —
20	3	2			of the day, the 12 th of June 1803. —
21	3	2			of the day, the 12 th of June 1803. —
22	3	2			of the day, the 12 th of June 1803. —
23	3	2			of the day, the 12 th of June 1803. —
24	3	2			of the day, the 12 th of June 1803. —
25	3	2			of the day, the 12 th of June 1803. —
26	3	2			of the day, the 12 th of June 1803. —
27	3	2			of the day, the 12 th of June 1803. —
28	3	2			of the day, the 12 th of June 1803. —
29	3	2			of the day, the 12 th of June 1803. —
30	3	2			of the day, the 12 th of June 1803. —
31	3	2			of the day, the 12 th of June 1803. —
32	3	2			of the day, the 12 th of June 1803. —
33	3	2			of the day, the 12 th of June 1803. —
34	3	2			of the day, the 12 th of June 1803. —
35	3	2			of the day, the 12 th of June 1803. —
36	3	2			of the day, the 12 th of June 1803. —
37	3	2			of the day, the 12 th of June 1803. —
38	3	2			of the day, the 12 th of June 1803. —
39	3	2			of the day, the 12 th of June 1803. —
40	3	2			of the day, the 12 th of June 1803. —
41	3	2			of the day, the 12 th of June 1803. —
42	3	2			of the day, the 12 th of June 1803. —
43	3	2			of the day, the 12 th of June 1803. —
44	3	2			of the day, the 12 th of June 1803. —
45	3	2			of the day, the 12 th of June 1803. —
46	3	2			of the day, the 12 th of June 1803. —
47	3	2			of the day, the 12 th of June 1803. —
48	3	2			of the day, the 12 th of June 1803. —
49	3	2			of the day, the 12 th of June 1803. —
50	3	2			of the day, the 12 th of June 1803. —
51	3	2			of the day, the 12 th of June 1803. —
52	3	2			of the day, the 12 th of June 1803. —
53	3	2			of the day, the 12 th of June 1803. —
54	3	2			of the day, the 12 th of June 1803. —
55	3	2			of the day, the 12 th of June 1803. —
56	3	2			of the day, the 12 th of June 1803. —
57	3	2			of the day, the 12 th of June 1803. —
58	3	2			of the day, the 12 th of June 1803. —
59	3	2			of the day, the 12 th of June 1803. —
60	3	2			of the day, the 12 th of June 1803. —
61	3	2			of the day, the 12 th of June 1803. —
62	3	2			of the day, the 12 th of June 1803. —
63	3	2			of the day, the 12 th of June 1803. —
64	3	2			of the day, the 12 th of June 1803. —
65	3	2			of the day, the 12 th of June 1803. —
66	3	2			of the day, the 12 th of June 1803. —
67	3	2			of the day, the 12 th of June 1803. —
68	3	2			of the day, the 12 th of June 1803. —
69	3	2			of the day, the 12 th of June 1803. —
70	3	2			of the day, the 12 th of June 1803. —
71	3	2			of the day, the 12 th of June 1803. —
72	3	2			of the day, the 12 th of June 1803. —
73	3	2			of the day, the 12 th of June 1803. —
74	3	2			of the day, the 12 th of June 1803. —
75	3	2			of the day, the 12 th of June 1803. —
76	3	2			of the day, the 12 th of June 1803. —
77	3	2			of the day, the 12 th of June 1803. —
78	3	2			of the day, the 12 th of June 1803. —
79	3	2			of the day, the 12 th of June 1803. —
80	3	2			of the day, the 12 th of June 1803. —
81	3	2			of the day, the 12 th of June 1803. —
82	3	2			of the day, the 12 th of June 1803. —
83	3	2			of the day, the 12 th of June 1803. —
84	3	2			of the day, the 12 th of June 1803. —
85	3	2			of the day, the 12 th of June 1803. —
86	3	2			of the day, the 12 th of June 1803. —
87	3	2			of the day, the 12 th of June 1803. —
88	3	2			of the day, the 12 th of June 1803. —
89	3	2			of the day, the 12 th of June 1803. —
90	3	2			of the day, the 12 th of June 1803. —
91	3	2			of the day, the 12 th of June 1803. —
92	3	2			of the day, the 12 th of June 1803. —
93	3	2			of the day, the 12 th of June 1803. —
94	3	2			of the day, the 12 th of June 1803. —
95	3	2			of the day, the 12 th of June 1803. —
96	3	2			of the day, the 12 th of June 1803. —
97	3	2			of the day, the 12 th of June 1803. —
98	3	2			of the day, the 12 th of June 1803. —
99	3	2			of the day, the 12 th of June 1803. —
100	3	2			of the day, the 12 th of June 1803. —

Course — — — — — N 5 W.
 Distance — — — — — 133 Miles.
 Difference Latitude — — — — — 94
 Difference Longitude — — — — — 25
 Latitude by account — — — — — 5 " 20 South
 Latitude by observation — — — — — 5 " 29
 Longitude by account — — — — — 20 " 1 West

Ship Eugenia from Hunter

Hour	Lat	Long	Course	Winds	Remarks
1	5		NW	SE	
2	5				
3	5				Moderate gales & pleasant weather.
4	5				
5	5				
6	5				
7	5				
8	5				
9	5				
10	5				
11	5				
12	5				At midday 12.00 with rain.
1	5				
2	5				
3	5				
4	5				
5	5				
6	5				
7	5				
8	5				
9	5				
10	5				
11	5				
12	5				

Course ————— 137 W.
 Distance ————— 127 Miles
 Difference Latitude ————— 40
 Difference Longitude ————— 120
 Difference Longitude ————— 120
 Latitude by account ————— 2 South
 Latitude by observation ————— 2 13
 Longitude by account ————— 22 4 West
 Longitude by observation ————— 21 50 ————— at 10 am.
 10 ————— distance made to noon —————
 22 5 West

to wards Philadelphia. —

n	R	F	Courses	Winds	Monday May 12 th 1800. —
1	5		S W.	S E.	Commences with pleasant weather & fine steady breezes. —
2	5				
3	5				
4	5				
5	5				
6	5	1			Variation 8 ^o 30' Westly. —
7	5	1			
8	5				
9	5				
10	5				
11	5	1			Squally with showers of rain. —
12	5	1			
1	5				
2	5				
3	5				
4	5				Concludes with fair weather & fine breezes. —
5	5				
6	5				
7	5				
8	5				
9	5	1			
10	5	1			
11	5	1			
12	5	4			

Course — — — — — S W.
 Distance — — — — — 129 miles.
 Difference Latitude — — — — — 0^h "
 Departure — — — — — 97 "
 Difference Longitude — — — — — 97 "
 Latitude by account — — — — — 2^h 5' South,
 Latitude by observation — — — — — 2^h 4^h "
 Longitude by acc. — — — — — 23^h 43' West.

Ship Eugenia from Carlton

H		Cause	Wind	Time	Remarks
1	8	N.W.	30 to 40		
2	8				
3	8				
4	8				
5	8				
6	8				
7	8				
8	8				
9	8				
10	8				
11	8				
12	8				
1	8				
2	8				
3	8				
4	8				
5	8				
6	8				
7	8				
8	8				
9	8				
10	8				
11	8				
12	8				

Moderate breeze & pleasant weather.

Lightly with rain.

Moderate breeze & pleasant weather.

30.

23.52 West.

at 10 am.

Moderate breeze & pleasant weather.

Light breeze & light wind & pleasant weather.

Course	N 37 W.
Distance	112 Miles.
Distance to Port Phillip	62 "
Distance to Melbourne	98 "
Distance to Sydney	160 "
Distance to Port Jackson	1 " 20 South
Distance to Port Phillip	1 " 24 "
Distance to Port Phillip	23 " 1 West.
Distance to Port Phillip	23 " 32 " at 10 am.
	at 10 am.
	at 10 am.

Towards Philadelphia. —

W. R. F. Courses Winds Wednesday, May 12th 1805.

1	5	N. by N.	SE.
2	5		
3	4		Moderate gales & pleasant.
4	4		
5	4		
6	4		
7	4		
8	4		
9	4		
10	4		
11	5		(Tide & marks.)
12	5		
1	5		
2	5		
3	5		
4	5		
5	4		
6	4		
7	4		
8	4		
9	4		
10	4		
11	4		
12	4		

Course — N. by N.
 Distance — 100 Miles.
 Difference Latitude — 05
 Difference Longitude — 52
 Latitude by account — 00 " 27 South.
 Latitude by observation — 00 " 22 "
 Longitude by account — 27 " 4 West.

Ship Eugenia Horn

18 11 Courses Winds

Thursday May 15th 1804

H. H. H. & Co.

Moderate gales & squally with rain

from East & West - some snow

At 7 am. Saw the Island of St. Paul & Sea

at E. S. 5 miles distant. - The true

direction of this Island being to the N. E.

Course

upwards which is parallel to the coast, & most

likely being the true position of the

Island from the Indian side, & is

to fall in with it, if they are successful. -

15 miles it is seen in Lat. 54° N. & 110° W.

Course

25° N. & 110° W. - which is the same as 50° South & 110° W.

The most probable latitude I can venture to say is

50° N. on the longitude notwithstanding it is recommended

being one of the 2^d edition of the English & French

N. 32° E.

For a good observation place

St. Paul in Lat. 50, 50 North,

the Island is not far from the

North & the Longitude 27° 45 W.

deduced from several celestial

observations taken on the

13th Inst. -

Course

100 miles

Latitude by observation

50°

Longitude by observation

110°

Latitude by observation

50°

Longitude by observation

110°

Canlon. 10 miles Philadelphia.

H	H	H	Cramps	Heads	Friday Aug 15 1805
1	2		11 1/2 H	SG.	
2	2		L		
3	2				Squally disagreeable weather.
4	2		11 1/2 H	null	
5	2				
6	2		11 1/2	11 1/2 H.	
7	2				
8	2				
9	2		11 1/2 H.	11 1/2 H.	
10	2				Tranquil of the E. wind
11	2				
12	2				
1	2				2 P.M. 11 1/2 H.
2	2				
3	2				
4	2				
5	2				
6	2				
7	2				
8	2				
9	2				
10	2				
11	2		11 1/2	11 1/2 H.	
12	2				

Course ————— N 3/4 N.
 Distance ————— 55 miles.
 Difference Lat. ————— 55
 Difference Long. ————— 34
 Difference Longitude ————— 34
 Latitude by account ————— 2 " 2 North
 Latitude by observation ————— 2 " 14
 Longitude by account ————— 28 " 32 West

Thia Eugenia from Canlon

h	d	h	Course	Wind	Saturday May 17 th 1805. —
1	2		S. 4 W.	N. E.	Squally with showers of rain. —
2	1				
3	2				
4	2				
5	2				
6	2				Breeze & light wind, & —
7	2				
8	2				
9	2				
10	2				
11	2				Breeze & light wind, & —
12	2				
13	2				
14	2				
15	2				
16	2				Breeze & light wind, & —
17	2				
18	2				
19	2				
20	2				
21	2				Breeze & light wind, & —
22	2				
23	2				
24	2				
25	2				
26	2				Breeze & light wind, & —
27	2				
28	2				
29	2				
30	2				

Course ————— N 52 W.
 Distance ————— 58 miles.
 Difference Latitude — 35
 Difference ————— 30
 Difference Longitude — 30
 Latitude by account — 3° 4 North
 Latitude by observation — 3° —
 Longitude by account — 25° 12 West.

Comarus Philadelphica. —

H.	n	f	Grasses	Winds	Sunday Mar 18. 1865. —
1	2		A & N.	East	First part moderate gales & general weather. —
2	3				
3	4				
4	4				
5	4				
5	—	—		SE & S.	
7	3				
8	3				
9	3				
10	3				
11	3				Second part moderate squally with rain & sharp lightning. —
12	4			SE	
1	3				
2	3				
3	3				
4	3				
5	3				
5	3				
7	2				
8	2			South	
9	2				
10	2				
11	2				Remainder of the day fog & heavy. —
12	1			SW.	

Barometer —	30.25 H.
Thermometer —	82 F.
Latitude —	42
Longitude —	75
Direction of wind —	SE
Force of wind —	12 H. North
Direction of current —	SE 20 N.

Ship Eugenia from Curacao

H	M	Courses	Winds	Monday May 19 1885.
1	1	N.W.	Variable	
2	2		from N.E.	First part of the day light breeze.
3	3		4th.	
4	4			Second part
5	5			the weather more settled, latter part
6	6			
7	7			
8	8			
9	9			
10	10			
11	11			
12	12			
1	1			
2	2			
3	3			
4	4			
5	5			
6	6			
7	7			
8	8			
9	9			
10	10			
11	11			
12	12			

By N. N. W. clear & pleasant.

Latitude 2 1/2 North.


Course N. N. W.
 Distance 35 miles.
 Difference of longitude 12
 Difference of latitude 22
 Difference of longitude 32
 Latitude according to 20 North
 Longitude of observation 4 20
 Longitude according to 30 1 West.

Comarus Philadelphia

No.	No.	Courses	Winds.	Tuesday Mar 20 1806.
1	1	NW	North	light winds pleasant weather.
2	1			
3	1			
4	1	NW by N	N by E.	
5	2			
6	2			
7	2			
8	2			
9	2	NW.	NW E.	
10	2			light squalls with showers of rain.
11	2			
12	2			
1	2			
2	2			
3	2			breeze from N.W. -
4	1			
5	1			
6	1			
7	1			
8	2			breeze from N.W. -
9	2			
10	2			
11	2			
12	2			

Course	N 50 N.
Distance	20 miles.
Difference Latitude	23
Departure	33
Difference Longitude	30
Latitude by account	5 12 North
Longitude by account	5 " "
Longitude by account	30 " 31 West.

Ship Eugenia from Canton

No.		Courses	Winds	Wednesday Jan 21 st 1800?
1	2	W. by N.	W. by E.	Light winds & calm with sunny weather.
2	2			
3	2			
4	2			
5	2			
6	2			
7	2			
8	2			
9	2			
10	2			
11	2			Sailed for the Gulf of St. Lawrence
12	2			
13	2			
14	2			
15	2			
16	2			At 10 AM 1 st 55 N. 100 W. by S.
17	2			
18	2			
19	2			
20	2			


Cum	259 N.
Difference	20 Miles.
Difference of Time	10
Difference	24
Difference of Longitude	24 "
"	10 "
Latitude of ...	5 " 24 North,
Latitude of ...	5 " 13
Longitude of ...	31 " 1 West.

Comas Philadelphia

N	n	T	Courses	Miles	Thursday, May 22 nd 1885
1	1		W N W	North	
2	1				Light winds & pleasant
3	2				
4	2				
5	2				
6	2		N W N	N N E	
7	2				
8	3				
9	3				
10	5				
11	3				
12	5				
1	5				
2	5				
3	5	5			
4	3	5			
5	5		N N W	N N E	
6	5				
7	5				
8	5				
9	5	5			
10	5	5			
11	5	4			
12	5	2			

Course	N 71° W
Distance	102 Miles
Difference Latitude	32
Departure	95
Difference Longitude	95
Latitude by account	5° 4' North
Latitude by observation	5° 53'
Longitude by account	32° 51' West

Ship Eugenia from Canton.

10	11	12	Courses	Wind	Friday Mar 23 rd 1800.
1	5	0	N by N	N by E	<p>Fine steady gales & fair weather.</p> 
2	5	0			
3	5	0			
4	5	0			
5	5	0			
6	5	0			
7	5	0			
8	5	0			
9	5	0			
10	5	0			
11	5	0			<p>N by N. Longitude 31° Lunar Observations</p> <p>34.0 West.</p> <p>11.23 M.</p>
12	5	0			
13	5	0			
14	5	0			
15	5	0			
16	5	0			
17	5	0			
18	5	0			
19	5	0			
20	5	0			
21	5	0			
22	5	0			
23	5	0			
24	5	0			
25	5	0			
26	5	0			
27	5	0			
28	5	0			
29	5	0			
30	5	0			

Course ——— 11.00 N.
 Time ——— 1.47 Mins.
 Difference Latitude ——— 0.7
 Difference Longitude ——— 1.31
 Difference Longitude ——— 1.32
 Difference Longitude ——— 1.15 N. by N.
 Difference Longitude ——— 1.15
 Difference Longitude ——— 1.34 by West.
 Difference Longitude ——— 1.34.0" at 2.10 M.
 Difference Longitude ——— 1.34.0" at 2.10 M.
 Difference Longitude ——— 1.34.0" at 2.10 M.

Comard Philadelphia. —

N	N	F	Courses	Time	Island. Date 24 th 1855.
1	5	4	A. N. N.	N. E.	
2	5	4			
3	5	4			pleasant weather & a fine breeze
4	5				
5	5				throughout the morning breeze fresh.
6	5				
7	5				
8	5	4			
9	5	4			
10	5	4			
11	5				
12	5				longer than I have seen
1	5	4			
2	5	4			
3	5	4			
4	5	4			
5	5	4			
6	5	4			
7	5	4			
8	5	4			
9	5	4			
10	5	4			
11	5	4			
12	5	4			

Course ————— N 55 E
 Distance ————— 120 miles.
 Difference Latitude ——— 89
 Difference Longitude ——— 120
 Latitude by account ——— 32 22 North
 Latitude by observation ——— 32 23
 Longitude by account ——— 33 11 West
 Longitude by observation ——— 33 25
 161
 33 25

Ship Cartridges from Dunbar

Sunday May 23 1805.

Pleasant weather & fine views. 1st

Dear Mother, I have no objection

20 50 100

(10. 2. 114.

AC

1870-1871

London 3rd March 1861.

Thank you for several "offerings" on the
matter, and will we judge them for answer.

No. 14.

150 m. by.

0'3'

3.

13.

25 March

L.A.

20. 20 11/11.

38. 50. 24. 50.

2. $\frac{1}{2}$ Difference nella d. m. d.

1000

Towards Philadelphia. —

H.	K.	f.	Course.	Winds.	Monday, Mar. 21. 1861.
1	0	2	NW, 211	NE	
2	0	2			First & second party not on board.
3	0	2			
4	0	2			
5	0	2			Spent the night in the ...
6	0	2			
7	0	2			light rain, succeeded by ...
8	0	2			
9	0	2			showers of rain. —
10	0	2			
11	0	2			
12	0	2			
1	0	2			
2	0	2			
3	0	2			
4	0	2			
5	0	2			
6	0	2			
7	0	2			
8	0	2			
9	0	2			
10	0	2			
11	0	2			
12	0	2			

Course	N 50 30 W
Distance	125 miles
Difference Latitude	0 2
Difference Longitude	1 2
Latitude by account	11 10 North
Latitude by observation	11 10
Longitude by account	72 57 West
Longitude by observation	73 8 — 72 57 West

Ship Eugenia from Canlora.

			Cause	Notes	Time, Mar 2 nd 1881?
1	0		W. M.	B. & C.	
2	1				But not exactly with time.
3	2				
4	3				
5	4				
6	5				
7	6				
8	7				
9	8				
10	9				
11	10				
12	11				
13	12				
14	13				
15	14				
16	15				
17	16				
18	17				
19	18				
20	19				
21	20				
22	21				
23	22				
24	23				
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28	27				
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31	30				
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33	32				
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42	41				
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59	58				
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61	60				
62	61				
63	62				
64	63				
65	64				
66	65				
67	66				
68	67				
69	68				
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71	70				
72	71				
73	72				
74	73				
75	74				
76	75				
77	76				
78	77				
79	78				
80	79				
81	80				
82	81				
83	82				
84	83				
85	84				
86	85				
87	86				
88	87				
89	88				
90	89				
91	90				
92	91				
93	92				
94	93				
95	94				
96	95				
97	96				
98	97				
99	98				
100	99				

Cause - 1103 H.
 Distance - 150 miles.
 L. (Longitude) - 53
 L. (Latitude) - 133
 L. (Longitude) - 138
 L. (Latitude) - 12, 25 North
 L. (Longitude) - 12, 27 "
 L. (Latitude) - 45, 22 West
 L. (Longitude) - 45, 23 " 45, 24 "
 L. (Latitude) - 2 3 " 45, 23 West

Towards Philadelphia. —

No.	h	f	Course	Winds	Wednesday, May 20 th 1800.
1	0		W 1/2 N.	N.E.	
2	0	4			Pleasant gales & fine weather. —
3	0	2			
4	0	2			
5	3	11			
6	3	11			
7	0				
8	0				Direction 4 th West.
9	0				
10	0				
11	0				
12	0				
1	0				Course, wind & clouds, gusty & squally.
2	2				
3	1/8				
4	0				Wind. —
5	2				
6	1/8	11			Went in & out of the anchorage.
7	0				
8	0				
9	0				
10	0	11			
11	0	11			
12	0				

Course ————— N 25th W.
 Distance ————— 151 miles.
 Difference Latitude ————— 105
 Departure ————— 109
 Difference Longitude ————— 112
 Latitude by account ————— 13. 54 North
 Latitude by observation ————— 14. 12
 Longitude by account ————— 47. 15 West.

Ship *Eugenia* from Curacao.

Hour	Course	Winds	Thursday May 29 th 1805.
1	W. by N.	E. by S.	
2			
3			
4			Brisk gales succeeded by squalls
5			throughout the day. —
6			
7			
8			
9			
10			
11			
12			
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			

Direction of the wind, &c.

Velocity. —

Course	N. 33° W.
Distance	174 Miles.
Difference Latitude	108 "
Difference Longitude	120 "
Difference Longitude	123 "
Latitude in account	15° 54' North,
Latitude Observation	15° — "
Longitude in account	47° 40' West.

Towards Philadelphia. —

No.	R.	S.	Courses	Winds.	Friday, May 30 th 1823.
1	8		N. W. 1/2 W.	W. N. E.	
2	8				
3	4	4			First part of the day squally.
4	4	4			
5	4	4			Second & third, partly fine & dry.
6	4	4			
7	4				gales & pleasant weather. —
8	4				
9	4	4			
10	4	4			
11	4	4			
12	4	4			Variation & Heavy. —
1	4	4			
2	4	4			
3	4	4			
4	4	4			
5	4	4			
6	4	4			See part preceding of this day. —
7	4	4			
8	4	4			
9	0	0			
10	0	0			
11	4	4			
12	4	4			

Course — N 43 W.
 Distances — 147 miles
 Difference Latitude — 12 1/2
 Departures — 11 1/2
 Difference Longitude — 12 1/2
 Latitude by account — 17 1/2 North
 Latitude by observation — 16 1/2
 Longitude by account — 51 1/2 West.

Ship Eugenia from Canton

No.	W.	W.	W.	W.	W.
1	5		W 1/2 N.	East.	Saturday May 31 st 1855. ~
2	5				
3	5				Pleasant gales & fine weather. —
4	5				
5	7				
6	7				
7	7				
8	8				
9	8				
10	8				
11	8				
12	8				
13	8				
14	8				
15	8				
16	8				
17	8				
18	8				
19	8				
20	8				
21	8				
22	8				
23	8				
24	8				
25	8				
26	8				
27	8				
28	8				
29	8				
30	8				
31	8				

Course ————— N 5 1/2 W.
 Distance ————— 158 Miles.
 Difference of Longitude ————— 8 1/2
 Difference of Latitude ————— 123 "
 Difference of Longitude ————— 130 "
 Difference of Latitude ————— 13 3/4 Miles
 Difference of observation ————— 19 30 "
 Difference of time ————— 53 54 West.

Towards Philadelphia.

<i>H</i>	<i>H</i>	<i>F</i>	<i>Courses</i>	<i>Winds</i>	<i>Sunday June 1st 1800.</i>
1	0		N N 2 W.	G N E	
2	0				Moderate gales & pleasant weather.
3	0				
4	0				
5	0	4			
6	0	1			
7	0	0			
8	0				
9	0				At midnight squally with rain.
10	0	2			
11	0	1			
12	0	1		W. S. W.	
1	0				
2	0				Revision of the compass & Weather.
3	0				
4	0	2			
5	0				
6	0	1			
7	0				
8	0				
9	0				Latter part rain & squalls & S. W.
10	0	2			
11	0	4			
12	0	2			

Course ————— N 52 W.
 Distance ————— 150 miles.
 Difference Latitude ——— 94
 Departure ————— 125
 Difference Longitude ——— 13 1/2
 Latitude by acct ——— 21 " North
 Latitude by observations — 21 " 13 "
 Longitude by acct ——— 50 " 0 West

Ship Eugenia from Canton

			Courses	Winds.	Time June 2 nd 1865.
1	0		By N. E. N. E.		Fine steady gales & pleasant weather.
2	0				
3	0				
4	0				
5	0				
6	0				
7	0				
8	0				
9	0				
10	0				
11	0		By N.		Variable & B. wind. —
12	0				
13	0				
14	0				
15	0				
16	0				
17	0				
18	0				
19	0				
20	0				
21	0		By N.		
22	0				
23	0				
24	0				
25	0				
26	0				
27	0				
28	0				
29	0				
30	0				
31	0		By N.		
32	0				
33	0				
34	0				
35	0				
36	0				
37	0				
38	0				
39	0				
40	0				
41	0		By N.		
42	0				
43	0				
44	0				
45	0				
46	0				
47	0				
48	0				
49	0				
50	0				
51	0		By N.		
52	0				
53	0				
54	0				
55	0				
56	0				
57	0				
58	0				
59	0				
60	0				

Course	N 33 W
Distance	130 miles.
Latitude	00
Longitude	123
Height of Vantage	133
Latitude of Vantage	22 " 28 North
Longitude of Vantage	22 " 36
Latitude of Vantage	38 21 North

Islands Philanthropy.

No.	R.	F.	Courses	Miles	Insular June 3 rd 1885.
1	7		Village W. E.S.E.		
2	7				Islands of the group.
3	7				
4	7				
5	7				
6	7				
7	7				At 8 p.m. saw a light on the horizon.
8	8				
9	7				gaster starting to the north.
10	7				
11	8				
12	8				
13	8				
14	8				
15	8				
16	8				
17	8				
18	8				
19	8				
20	8				
21	8				
22	8				
23	8				
24	8				
25	8				
26	8				
27	8				
28	8				
29	8				
30	8				

Course	250 W.
Distance	155 miles.
Difference Latitude	83
Difference Longitude	131
Difference Time	142
Latitude by observation	23 50 North
Longitude by observation	24 1
Longitude by chronometer	20 25 West.

Ship Eugenia from Canton

Days		Barometer	Thermometer	Remarks
1	0	30.0	70.0	Clear
2	0	30.0	70.0	Clear
3	0	30.0	70.0	Clear
4	0	30.0	70.0	Clear
5	0	30.0	70.0	Clear
6	0	30.0	70.0	Clear
7	0	30.0	70.0	Clear
8	0	30.0	70.0	Clear
9	0	30.0	70.0	Clear
10	0	30.0	70.0	Clear
11	0	30.0	70.0	Clear
12	0	30.0	70.0	Clear
13	0	30.0	70.0	Clear
14	0	30.0	70.0	Clear
15	0	30.0	70.0	Clear
16	0	30.0	70.0	Clear
17	0	30.0	70.0	Clear
18	0	30.0	70.0	Clear
19	0	30.0	70.0	Clear
20	0	30.0	70.0	Clear
21	0	30.0	70.0	Clear
22	0	30.0	70.0	Clear
23	0	30.0	70.0	Clear
24	0	30.0	70.0	Clear
25	0	30.0	70.0	Clear
26	0	30.0	70.0	Clear
27	0	30.0	70.0	Clear
28	0	30.0	70.0	Clear
29	0	30.0	70.0	Clear
30	0	30.0	70.0	Clear

Barometer	30.0
Thermometer	70.0
Wind	Light
Sea	Calm
Clouds	None
Temperature	70.0
Humidity	70.0
Pressure	30.0
Altitude	25 - 1000
Distance	25 - 25
Direction	50 - 100

Towards Philadelphia. —

No.	H.	Course	Wind	Therom. June 5 1805.
1	5	NW by W	By W.	
2	5			
3	5			Moderate gales & squalls in the morning.
4	5			
5	5			
6	5			
7	5			
8	5			
9	5			
10	5			
11	5			
12	5		SE by E	Variable 2° N. by E.
1	5			
2	5			
3	5			
4	5			
5	5			
6	5			
7	5			
8	5			
9	5			
10	5			
11	5			
12	5			Lat. just sighted from shore.

Course ————— N. 53 W.
 Distance ————— 131 Miles.
 Difference Latitude ——— 77 "
 Difference Longitude ——— 105 "
 Difference Longitude ——— 110 "
 Difference of account ——— 26. 33 North
 Latitude on observation ——— 26. 44
 Longitude on account ——— 64. 55 N. 31. 2

Ship Eugenia from Canton

			Courses	Winds	Prison June 5. 1808.
1			N. W. by N.	E. by N.	
2	4				
3					Moderate gales & fine weather.
4					
5	3				
6	2				
7	2				
8	2				
9	2				
10	2				
11	2				
12	2				
1	3			East.	
2	3				
3	3				
4	3				
5	3				
6	3				
7	3				
8	3				
9	3				
10	3				
11	3				
12	3				
				N. E.	

At 5 am. saw a Schooner ahead standing to the Southward. —

Later, light winds & clear weather. —

Course	N. 49 N.
Distance	83 miles.
Speed	5.2
Time	63
Latitude	41
Longitude	27. 27 North.
Latitude	27. 58
Longitude	00. 11 West.

Coasts Philadelphia.

H.	n.	F.	Course	Winds.	Saturday June 7 th 1808.
1	3	4	11 th N	10 th E.	Light Winds pleasant weather.
2	3	2			
3	3				
4	3				
5	3				
6	3				
7	3				
8	3				
9	3				
10	3				
11	3				No rain.
12	3				
1	3				
2	3				
3	3				
4	3				
5	3				
6	3				
7	3				
8	3				
9	3				
10	3	4			
11	3	5			
12	3				

Course ————— 178th W.
 Distance ————— 72 miles.
 Difference Latitude ——— 15th ,
 Departure ————— 12th ,
 Difference Longitude ——— 8th ,
 Latitude by account ——— 20th 19th North
 Latitude by observation ——— 21th 50th
 Longitude by account ——— 74th 2th West.
 Longitude by observation ——— 74th 55th West.
 168

Ship Eugenia from Canton

H	A	Courses	Winds	Sunday June 8. 1806.
1	3	SE	SE	
2	3			
3	3			
4	3			
5	3			
6	3			
7	3			
8	3			
9	3			
10	3			
11	3			
12	3			
1	3			
2	3			
3	3			
4	3			
5	3			
6	3			
7	3			
8	3			
9	3			
10	3			
11	3			
12	3			

Light Winds & serene & clear weather.

Longitude & time observations.

59. 10 West.

at 8 am.

Latitude	11 35 N.
Longitude	59 10 West
Latitude by observation	59
Longitude by observation	59
Latitude by chronometer	40
Longitude by chronometer	20 44 North,
Latitude by observation	20 52
Longitude by observation	58 55 West.
Latitude by observation	59 10 at 8 am.
Longitude by observation	59 30 West.

Comas Philadelphia.

A	B	C	Crabs	Hins	Monday June 9 th 1806.
1	3		1 Hgt.	18.	
2	3				fine pleasant weather with a light breeze.
3	3				
4	3				
5	3				
6	3				
7	3				At 5 in saw a large black winged
8	3				bird.
9	2	1			At 6 saw a small white winged
10	2	1			bird.
11	3				
12	4			18.	
1	4				
2	4				
3	4				
4	4				
5	3				Large black winged bird
6	4				At 2.30
7	3				At 3.30
8	3				
9	3				
10	2	1			
11	2	4			
12	2	4			

Ship Eugenia from Canton

			Winds	Tues day June 10 th 1805
1	2	3	SE	A continuance of fine pleasant weather & light winds.
2	3	4		
3	4	5		
4	5	6		
5	6	7		
6	7	8		At 2 P.M. parted the Ship Eugenia Capt. Green with cargo from St. Thomas's
7	8	9		
8	9	10		
9	10	11		
10	11	12		
11	12	1	SE	Bound to New York.
12	1	2		
13	2	3		
14	3	4		
15	4	5		
16	5	6		Several vessels in sight standing to the Southward & Eastward.
17	6	7		
18	7	8		
19	8	9		
20	9	10		

Course	N 2 ^o W.
Distance	42 miles.
Latitude by observation	30
Longitude by observation	29
Difference of longitude	32
Latitude by account	31 " 1 South.
Longitude by observation	31 " 2
Longitude by account	40 " 3 West.

Course Philadelphia.

N.	n	S.	Courses	Miles.	Wednesday June 11. 1808.
1	1		N by E	South	
2	3				Pleasant & agreeable weather & light breeze.
3	3				
4	3				
5	2				
6	2	W			
7	2				
8	3				Several sail in sight.
9	3	W			
10	3		SW.		
11	5				Long Island & Sound
12	5		SW.		Long Island
13	5				Long Island
14	5				Long Island
15	4				Long Island
16	4		SW.		Long Island
17	3				Long Island
18	3				Long Island
19	4				Long Island
20	4				Long Island
21	5		SW.		Long Island
22	5				Long Island
23	5				Long Island
24	5				Long Island

Course N 47 N
 Distance 100 miles.
 Difference Latitude 50 "
 Difference Longitude 86 "
 Latitude by account 32 20 North
 Latitude by observation 32 15 "
 Longitude by account 71 35 West
 Longitude by observation 71 7 "

Ship Eugenia from Canton

			Courses	Winds.	Thursday June 12. 1800.
1	4		S. N.	S. S. N.	light breeze & pleasant weather.
2	4				
3	4				
4	4				
5	4				
6	4				
7	4				
8	4				
9	4				
10	4				
11	4				South, Longitude 33° 20' from our observation 72° 20' West at 11 am.
12	4				
13	4				
14	4				
15	4				
16	4				
17	4				
18	4				
19	4				
20	4				
21	4				Sun inclined 1° in the ship
22	4				
23	4				Sun the Gulf Stream.
24	4				

Courses	135 N.
Distance	102 miles.
Difference Latitude	82
Difference Longitude	50
Difference Longitude	72
Latitude by observation	33 27 North,
Latitude by computation	33 37
Longitude by observation	72 20 West.
Longitude by computation	72 20 at 11 am.
	at 11 am.
	at 11 am.
	at 11 am.

Comarcas Philadelphia.

			Courses	Winds.	Friday June 13 th 1800.
1	3		NW	SW	First & second sails of moderate winds & glass falling. batter part - squally with rain.
2	3				
3	3				
4	3				
5	3				
6	3				
7	3				
8	3				
9	3				
10	3				
11	5				Longitude by observations 73. 19 West at 11 am.
12	5				
1	5				
2	5				
3	5				
4	5				
5	5				
6	5				
7	5				
8	5				
9	5				
10	4				
1	4				
2	4				

Course	N 55 W.
Distance	110 miles
Difference Latitude	40
Departure	73
Difference Longitude	112
Latitude by account	35 North
Latitude by observation	34. 17
Longitude by account	73. 35 West
Longitude by observation	73. 19
	73. 22 West

Ship Euxine from Canton

H	H	Courses	Winds.	Saturday June 12 th 1806. —
1	8	A. H.	W. by N.	
2	5			
3	5			Fresh gales & cloudy weather. —
4	5			
5	4			
6	4			
7	3	N. by N.	West.	
8	3			
9	2	N. by N.	West.	
10	2			
11	5			Made port Squally. —
12	5			
1	5			At 5 am the boats appeared disordered,
2	3			
3	3			boarded & got bottom in fifty five
4	1			fathoms. —
5	1			
6	1			
7	1			
8	1			Several vessels in sight stand off to the
9	1			Northward. —
10	1			
11	1			
12	1			Let the port light Winds S. by E. —
1				
2				
3				
4				
5				
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towards Philadelphia.

N.	H.	S.	Course	Winds	Time June 15 th 1800?
1	1		N. N. W.	N. E.	
2	1				light winds & thin clouds.
3	1				
4	1				
5	1				
6	1				
7	1	2			
8	2	2			
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Course - N. E. N.
 Distance - 55 1/2
 Difference Latitude - 22
 Departure - 12
 Difference Longitude - 21
 Latitude by observation - 55 55 North
 Latitude by chronometer -
 Longitude by observation -
 Longitude by chronometer -

St. Augustine in Union

1 1 1 Low W. Wind. Monday June 15 1863.

2 1 1 At 10 A.M.

3 1 1 Light breeze & hazy weather.

4 1 1 At 11 A.M. C. M. M. N. 

5 1 1 At 12 P.M. D. M. a Chesapeake pilot
who acquainted us that Cape Henry
then bore N by E. 12 leagues distant.

6 1 1 At 1 P.M. D. M. a Delaware pilot.

7 1 1 At 2 P.M. D. M. N. N. W. Later part fresh gales & hazy.
Sailed in 1/2 of 12 o'clock sail on.

Low 123 E.

Distance 44 miles.

Distance between 40 "

Departure 19 "

Distance between 24 "

Latitude 32° 33' North.

Longitude 76° 20'

Longitude 76° 20' West.

Courses Philadelphia.

C	A	F	Courses	Minds	Tuesday June 1 st . 1800.
1	4		1 By E.	1 By E.	Moderate gales & hazy weather.
2	2				
3	3				
4	3				
5	3				
6	3		1 By N.	1 E.	At 4 P.M. spoke a ship from Boston bound for England.
7	3		1 By N.	1 By E.	
8	2	4			
9	2				
10	2		1 By E.	1 By N.	
11	1				Same as before.
12	1	4			
13	2				
14	2				
15	2		1 By E.	1 By N.	
16	2				Same as before.
17	1	4	1 By N.	1 By S.	
18	1				
19	1	4			
20	1	4	1 By E.	1 By N.	
21	2				At 10 o'clock ship seen.
22	2	4			
23	3				
24	3				
25	3			South	

Course ————— N 50 E
 Distance ————— 29 miles
 Difference Latitude ——— 20 "
 Departure ————— 21 "
 Difference Longitude ——— 26 "
 Latitude by account ——— 34° 20' North
 Latitude by observation ——— 34° 20 "
 Longitude by acct ——— 74° West.

Ship Logbook.

		Courses	Winds	Wednesday June 18 th 1800. —
1	2	S. by E.	South.	Brisk gales & pleasant weather. —
2	3			
3	4			
4	5			
5	6			
6	7	S. by E.	S. by E.	At midnight hauled the Ship on a Wind. — fresh gales & heavy. —
7	8			
8	9			
9	10			
10	11			
11	12	S. by E.	S. by E.	At 2 am. Stood in for the Land. —
12	1			
1	2			
2	3			
3	4			
4	5	S. by E.	S. by E.	At 5 saw the Light house on Cape Mendocino bearing N. by W. 8 leagues distant. —
5	6			
6	7			
7	8			
8	9			
9	10	S. by E.	S. by E.	Latter part light Winds from the West. —
10	11			
11	12			
12	1			
1	2			

Thursday June 19th —

Light West Wind pleasant weather. — At 3 P.M. arrived at the point in five fathoms water. Cape Mendocino light bearing S. West. —

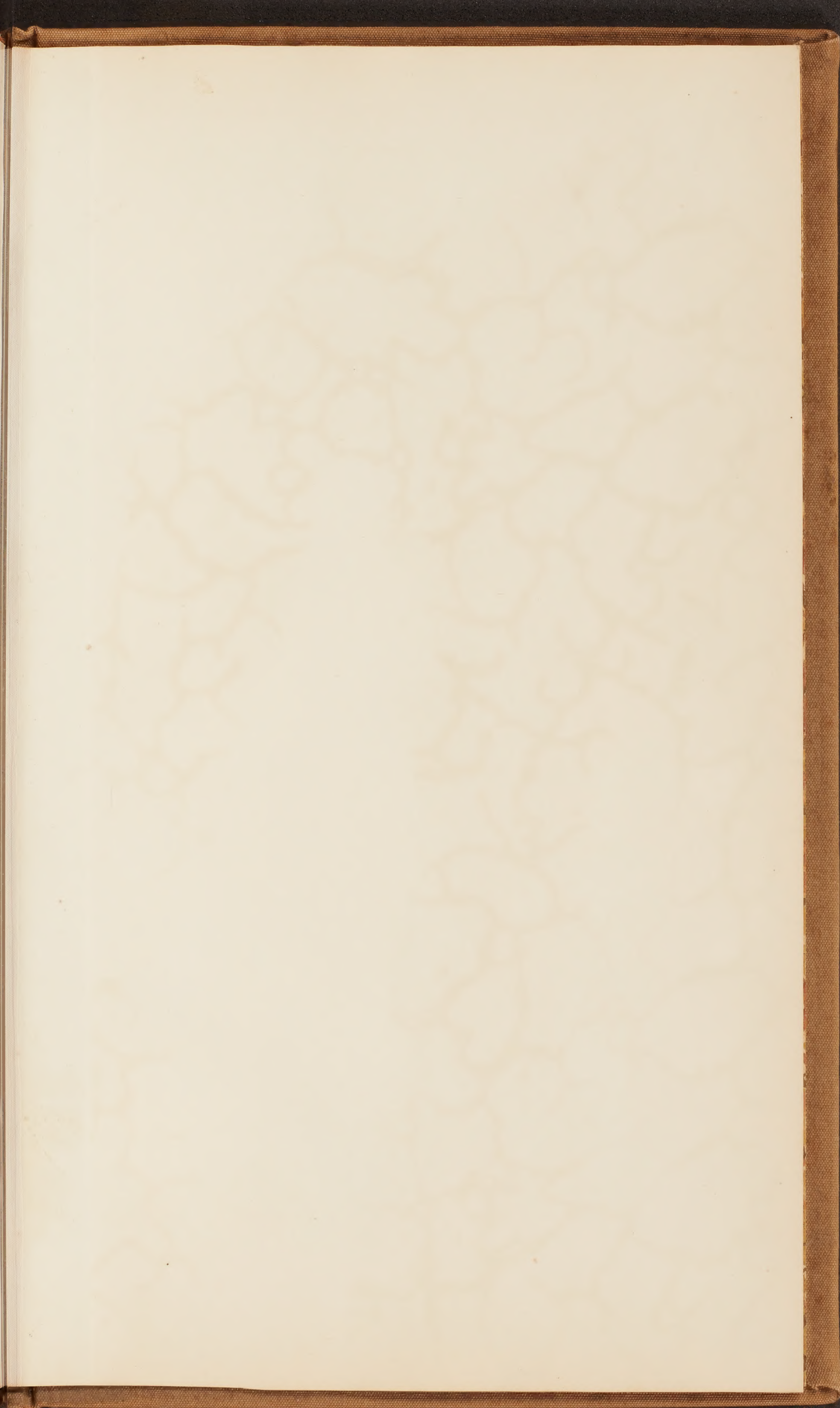
At 4 P.M. weighed anchor & sailed. At 5 P.M. in five fathoms — fresh gales and pleasant weather. —

in the Petaluma. —

San Juan 1868

High variable wind & cloudy weather. — At 2 P.M. a heavy rain
set in, and continued until 10 P.M. when it cleared. —
Road dry, with the small lanes to the N.E. & S.W. —







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